

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 310.

[Third Publication.]

INDIA, WEST—BOMBAY (GOA) COAST.

Aguada light re-exhibited.

WITH reference to Notice to Mariners, Nos. 90, dated the 2nd April, and 181, dated the 5th June 1901, issued by this office, the Bombay Government has given further notice (No. 94 of 1901) that information has been received from the Chief Secretary to the Governor-General of Goa, Portuguese India, that the Aguada (Goa) light (particulars as per No. 253, Admiralty List of Lights, Part VI, 1901) will be re-exhibited from 1st of October 1901.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA the 14th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 311.

[Third Publication.]

INDIA, WEST—SIND COAST.

Karachi (Manora) Light-house tower—Alteration in colour.

THE Bombay Government has given notice (No. 96 of 1901) that on and after the 10th October 1901, the work of painting the Manora Light-house tower will be in progress, and on completion the tower will show seawards (instead of all white as at present) as under, commencing from the top, under lantern space:—

Red band	...	...	21 feet 8 inches in depth.
Followed by—			
White band	...	...	17 feet in depth.
Followed by—			
Red band	...	...	14 feet in depth.
Followed by—			
White band	...	...	17 feet in depth.
Followed by—			
Black band	...	...	21 feet 6 inches in depth.

The work will probably be completed in about one month.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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CALCUTTA, the 14th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 312.

[Third Publication.]

INDIA WEST—BOMBAY (GOA) COAST.

Murmagoa harbour—Re-exhibition of Red light at the end of breakwater.

WITH reference to Notice to Mariners No. 202, dated 6th July last, issued by this office, the Bombay Government has given notice (No. 97 of 1901) that the red light at the end of breakwater in Murmagoa Harbour, which was removed during the monsoon, will be re-exhibited from 1st October 1901.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

NOTICE TO MARINERS—No. 313.

INDIA WEST—BOMBAY COAST.

THE Bombay Government has given notice (No. 99 of 1901) that a buoy marking the wreck of S.S. *Brahmani* has been laid on the 4th of September 1901.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

NOTICE TO MARINERS—No. 314.

BAY OF BENGAL—BURMA COAST.

THE following Notice to Mariners issued by the Bombay Government is republished :—
Information, dated 24th September 1901, has been received from the Port Officer, Rangoon, that from 1st November 1901 the Pilot vessel *Guide* will at night show the following lights whilst at anchor :—

- (1) A white light forward at the foretop-sail yard-arm 43 feet above the deck
- (2) Another such light at the stern of the vessel 15 feet lower than the forward light

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department

NOTICE TO MARINERS—No. 315.

BAY OF BENGAL—CHITTAGONG COAST.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channels by soundings taken on the 16th October and reduced to zero :—

	Ft.	In.
<i>Track No. 1—Outer bar—</i>		
Disc on mast with white and black cask	9	6
Disc on hill	10	9
Disc on diamond	11	6
<i>Track No. 2—Inner bar—</i>		
Disc on mast with white and black casks	12	0
Disc on diamond	10	9
<i>Track No. 3—</i>		
Tripod on cross and ball	15	0
<i>Track No. 4—</i>		
Triangle on mast with white and black casks	22	0
<i>Track No. 5—Guptakhally crossing—</i>		
Tripod on diamond	19	0

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C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, NOVEMBER 13, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 336.

[First Publication.]

CHINA—AMOY RIVER HARBOUR.

Position of Petroleum pier and lights.

WITH reference to Notice to Mariners No. 147, dated the 20th May last, issued by this office, the British Admiralty has given further notice (No. 754 of 1901) that the position of the Petroleum pier and lights given in that Notice should be amended as follows:—

The pier, built of wood, does not extend to the shore, but its inner end commences at the rock, marked by a white perch surmounted by a basket, situated half a cable to the southward of the outer extremity of Stonecutter's jetty, from whence it extends about 25 yards into the harbour.

Two red fixed lights, placed vertically about two feet apart, are shown from a small derrick on the outer end of the pier.

There are no lights on the dolphins, which are situated on each side of the outer end of this pier.

Approximate position, lat. $24^{\circ} 27' N.$, long. $118^{\circ} 4\frac{1}{2}' E.$

This Notice affects the following Admiralty Chart:—Amoy Inner harbour, No. 1764: Also, List of Lights, part VI, 1901, page 120; and China Sea Directory, vol. III, 1894, page 179.

E. J. BEAUMONT, COMDR., R.N.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAXLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 337.

[First Publication.]

CHINA SEA—FORMOSA, NORTH-WEST COAST.

Paksa point—Light established.

WITH reference to Notice to Mariners No. 118, dated the 22nd April last, issued by this office, the British Admiralty has given further notice (No. 756 of 1901) that the light on Paksa point, north-west coast of Formosa, is now exhibited.

Paksa is a *flashing* light showing *red and white flashes alternately* every *ten seconds*. It is elevated 122 feet above high water, and visible in clear weather from a distance of 18 miles. The lighthouse is a cylindrical brick building, painted white, and is 74 feet in height.

Approximate position, lat. $25^{\circ} 2' N.$, long $121^{\circ} 3' E.$

This Notice affects the following Admiralty Charts:—*Amoy to Nagasaki*, No. 2412; *Formosa island and strait*, No. 1968; *Ockseu islands to Tung Yung*, No. 1761; Also, *List of Lights*, part VI, 1901, No. 813a; and *China Sea Directory*, vol. III, 1894, page 260.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 338.

[First Publication.]

CHINA SEA—BANGUEY, SOUTH CHANNEL.

Mitford harbour—Beacons in approach disappeared.

THE British Admiralty has given notice (No. 757 of 1901) that the German S.S. *Wong Koi* reports that the two beacons, marking the reefs to the Middle channel into Mitford harbour, Banguey island, have disappeared.

Approximate position, lat. $7^{\circ} 7' N.$, long. $117^{\circ} 7\frac{1}{2}' E.$

This Notice affects the following Admiralty Charts:—*Gaya bay to Sandakan*, No. 287; *Balabac strait*, No. 948; *Mitford harbour*, No. 1220; Also, *China Sea Directory*, vol. II, 1899, page 190; and *Eastern Archipelago*, part I, 1890, page 161.

E. J. BEAUMONT, COMDR., R.I.M.,
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Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 339.

[First Publication.]

AFRICA, EAST COAST—PUNGUE RIVER.

Alterations in buoyage.

THE British Admiralty has given notice (No. 758 of 1901) that, owing to changes in the shoals at the entrance to the river Pungue, No. 2 red buoy has been withdrawn, and vessels can now steer direct from No. 1 to No. 3 buoy.

Also, that a new buoy, No. 10, has been moored in the river above No. 9 buoy indicate the anchorage for merchant vessels.

Approximate position, No. 2 buoy, lat. $19^{\circ} 56' S.$, long. $34^{\circ} 56' E.$

This Notice affects the following Admiralty Chart:—*River Pungue*, No. 1003; *Africa Pilot*, part III, 1897, page 221; and *Supplement*, 1900, pages 20, 21.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 340.

[First Publication.]

PACIFIC OCEAN—(South).

Ice.

THE British Admiralty has given notice (No. 765 of 1901) that information has been received from the New Zealand Shipping Company that the Captains of their vessels report that in August 1901 they passed in the South Pacific a large number of icebergs with floe ice around them between the parallels of 58° and 53° S. latitude and the meridians of 148° and 124° W. longitude.

The Master of S.S. *Hawkes Bay* also reports that between latitudes 54° and 53° S. and longitudes 138° and 135° W. he passed numerous icebergs and loose ice.

Ice in such large quantities has not been reported as existing in this area since 1896.

This Notice affects the following Admiralty Chart:—South Pacific, Nos. 788, 789.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 341.

[First Publication.]

AUSTRALIA—WIDE BAY BAR.

Beacons on Hook point and Inskip point.

reference to Notice to Mariners No. 252, dated the 31st August last, issued by the Port Master, Brisbane, has given further notice (No. 23 of 1901) amending Mariners No. 14 of 1901 as follows:—

The square white beacons on Hook Point, which are to be kept in line crossing Wide Bay Bar, bear S. $87^{\circ} 30'$.

The triangular beacons on Inskip Point, which are also to be used in line, bear S. $61^{\circ} 45'$ W.

Charts affected:—Nos. 1030 and 1068; Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 316.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Balasore light.

WITH reference to Notice to Mariners No. 215, dated the 31st August 1900, issued by this Office, the Port Officer, Cuttack and Balasore ports, has given further notice that the Balasore light, exhibited from the Chandipur flagstaff, is a sixth order light, between the bearings of S. 35° W. through W. to N. 35° E. magnetic, in every direction seaward, and visible in clear weather at a distance of 10 miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offy. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 317.

[Second Publication.]

AUSTRALIA—MORETON BAY.

Pilotage cruising ground.

THE Acting Portmaster, Brisbane, has given notice (No. 19 of 1901) that Masters of vessels departing by way of the North-west Channel, Moreton bay, are reminded that

Pilots should be discharged at or within the prescribed Pilot Cruising Ground off the entrance to the North Channel. This is necessary to prevent delay to vessels arriving from the South requiring Pilots.

Charts affected—Nos. 1670, 1029, 1068; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 318.

[Second Publication.]

AUSTRALIA—MORETON BAY, NORTH CHANNEL.

New entrance leading light.

THE Acting Portmaster, Brisbane, has given notice (No. 20 of 1901) that on and after 14th October a light will be exhibited from the western slope of Howard Range, Moreton Island, in the following position:—

Comboyuro Point light bearing N. 29° W., distant $2\frac{4}{10}$ miles.

The light will be white, placed in a square white light room, at an elevation of about 200 feet above sea-level, and will be visible over an arc of about 15 degrees from S. 22° E. to S. 37° E. It is a 4th order holophote, and with Comboyuro Point Light in line forms a lead past the East Banks.

Directions.

Vessels entering from seaward will proceed as hitherto, crossing the line of Cowan Cowan and Tangaluma Lights and continuing until the new high light comes in line with Comboyuro Point Light bearing S. 29° E. Keep this line until the Yellow Patch Light shuts out, when haul quickly to the eastward and make the Tangaluma-Cowan lead. Keep this line and continue as before.

Vessels outward bound will keep the Tangaluma lead until the Yellow Patch Light opens, when they must haul quickly to the westward and gain the new lead on a S. reef bearing. Keep this line until Yellow Patch and Cape Moreton are in line, or nearly so, when haul out and proceed as hitherto.

Charts affected—Nos. 1029, 1068, 1670a; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 319.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Melville passage and off Pipon island—Shoals.

THE Acting Portmaster, Brisbane, has given notice (No. 21 of 1901) that Commander Monro, of H.M.S. *Dart*, reports the existence of shoals in the following positions, viz.:—

Barrier Reef Passages—Melville Passage.—A shoal with 3 fathoms on it lies in the centre of the passage. From this patch the S.W. end of No. 2 sandbank bears S. 72° E., distant 1 mile.

Latitude	...	...	...	13° 58 $\frac{1}{4}$ ' S.
Longitude	...	...	...	144° 29' E.

Pipon island.—Foul ground extends off the northern end of Pipon Island Reef nearly $1\frac{1}{4}$ miles. A rock carrying only 3 feet at low water lies in this foul ground. From the rock Pipon Island Lighthouse bears S. 8° W., distant 2 miles.

Latitude	...	...	...	14° 51' S.
Longitude	...	...	...	144° 31 $\frac{1}{4}$ ' E.

Chart affected—No. 2922; and Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 320.

[Second Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Cape Melville—Shoal off Rocky point.

THE Acting Portmaster, Brisbane, has given notice (No. 22 of 1901) that Commander Munro, of H.M.S. *Dart*, reports that shoal water, with less than 1 fathom in places, extends nearly $1\frac{1}{2}$ miles off Rocky Point, south of Cape Melville.

Approximate position—Latitude ... $14^{\circ} 14' S.$
Longitude ... $144^{\circ} 35\frac{1}{2}' E.$

Masters of vessels are therefore cautioned to closely follow the route recommended hereabouts.

Chart affected—No. 2922; *Australia Directory*, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 321.

[Second Publication.]

INDIA, WEST—BOMBAY COAST.

Alleppey anchorage—Buoys.

THE Master Attendant, Alleppey, has given notice that the Buoys marking the anchorage have been put out; their positions being about as follows:—

Red (Northern) Buoy.
Bearing to Light-house N. 77 E.
Do. Port Pillar N. 72 E.
Depth of water $4\frac{1}{2}$ to 5 fathoms.
Black (Southern) Buoy.
Bearing to Light-house N. 58 E.
Do. Port Pillar N. 53 E.
Depth of water 4 to $4\frac{1}{2}$ fathoms.

N.B.—Ordinarily the proper anchorage will be between the Buoys; but, as the mud bank has been here for some weeks, and shifts rapidly, Commanders may be asked to alter their positions slightly, to enable the cargo boats to take full advantage of the smooth water. The depth of water given is not reliable for the above reason: the lead must be used when approaching the anchorage.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 322.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Balasore anchoring buoy adrift.

A TELEGRAPHIC communication has been received from the Port Officer, Cuttack and Balasore ports, stating that the Balasore anchoring buoy which has broken adrift will be recovered and placed in position as soon as possible.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 323.

[Second Publication.]

INDIA, SOUTH—CEYLON COAST.

Palk strait—Wreck in East channel.

THE British Admiralty has given notice (No. 708 of 1901) that a wreck, with two masts showing about 4 feet above water, lies sunk in the East channel, Palk strait, with Kankesan-tura light-house bearing S. 19° W., distant 9 miles, and point Pedro, S. 49° E.

Approximate position on Chart No. 2197, lat. 9° 57½' N., long. 80° 5½' E.

(Variation Nil in 1901.)

This Notice temporarily affects the following Admiralty Charts:—Palk strait, &c., No. 68a; point Pedro to Delft island, No. 2197: Also, Bay of Bengal Pilot, 1901, page 123.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 324.

[Second Publication.]

CHINA SEA—CARIMATA STRAIT.

Montaran islands—Reef south-east of Gampal (Telagapat) island.

THE British Admiralty has given notice (No. 709 of 1901) of the existence of a detached reef, about 1½ cables in length, with a least depth of 2 feet over it, situated to the south-eastward of Gampal (Telagapat) island, with the south-west point of that island bearing N. 53° W., and the centre of Sekumpul island N. 13° W.

The general depth over this reef is 2 fathoms, and the water shows but little discoloration.

Approximate position, lat. 2° 35' 5" S., long. 108° 34' 55" E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Carimata strait, No. 2160: Also China Sea Directory, vol. I, 1896, page 480.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 325.

[Second Publication.]

AUSTRALIA—QUEENSLAND.

Keppel bay—Signal for Pilot.

THE British Admiralty has given notice (No. 710 of 1901) that when telegraphic communication is interrupted between cape Capricorn and the Pilot station, Keppel bay, a red light will be exhibited from cape Capricorn.

A vessel requiring a pilot should on such occasions make the signal for one as soon as it would be visible from the Pilot station.

Approximate position of Pilot station, lat. 23° 28' S., long. 151° 2' E.

This Notice affects the following Admiralty Chart:—Keppel bay and islands, No. 363: Also, Light List, part VI, 1901, No. 1270; and Australia Directory, vol. II, 1898, page 190.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 326.

[Second Publication.]

NEW ZEALAND—SOUTH ISLAND.

Timaru—Light established on eastern breakwater.

THE British Admiralty has given notice (No. 714 of 1901) that, on and after the 1st August 1901, a *white fixed* light would be exhibited, at an elevation of 55 feet above high water, from the outer end of the staging for the extension of the eastern breakwater, now under construction at Timaru.

The light is visible from the bearing of W. N. W., through west and south, to S. E., a distance of 5 miles.

Approximate position, lat. $44^{\circ} 23'$ S., long. $171^{\circ} 19'$ E.

(Variation 16° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—*Ninety miles beach to Otago with plan of Timaru harbour*, No. 2532: Also, *List of Lights*, part VI, 1901, page 240; and *New Zealand Pilot*, 1901, page 285.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 327.

[Second Publication.]

NEW ZEALAND—NORTH ISLAND.

Hauraki gulf—Rock off Tiri Tiri Matangi island.

THE British Admiralty has given notice (No. 715 of 1901) of the existence of a *rock*, with a depth of 10 feet over it, situated $2\frac{1}{4}$ cables from the north-western end of Tiri Matangi island, with the north extreme of the island bearing N. 67° E. and west extreme S. 37° E.

Approximate position, lat. $36^{\circ} 35\frac{1}{2}'$ S., long. $174^{\circ} 54'$ E.

(Variation 14° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—*New Zealand*, sheet II, Tutukaka to Mayor island, No. 2543: Also, *New Zealand Pilot*, 1901, page 48.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

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C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 328.

[Second Publication.]

CHINA SEA—PALAWAN, SOUTH-WEST COAST.

North Balabac strait—Reef to the N. N. W.

THE British Admiralty has given notice (No. 716 of 1901) that the Master of the *Surer* reports the existence of a reef, apparently small in extent, on which his vessel was situated in the northern approach to the North Balabac strait, with Balabac peak about S. 15° E., distant 34 miles.

Soundings were obtained on the reef, but immediately after striking a depth of 10 fms was obtained.

Approximate position, lat. $8^{\circ} 29'$ N., long. $116^{\circ} 54'$ E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—*China sea*, No. 2660b; *Palawan*, No. 967: Also, *China Sea Directory*, vol. II, 1899, pages 207, 232.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 329.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river entrance—Lights to be carried by the Pilot brig "Guide."

WITH reference to Notice to Mariners No. 299, dated 5th October, issued by this Office, the Deputy Conservator of the port of Rangoon has given further notice concerning the exhibition of lights by the Pilot brig *Guide* whilst at anchor. The white light formerly will be hoisted at the starboard fore-topsail yard arm.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta

Published for general information.

CALCUTTA, the 30th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 330.

[Second Publication.]

CHINA SEA—ANNAM.

Tourane bay—Beacon established on Canton rock.

THE British Admiralty has given notice (No. 737 of 1901) that a beacon, painted in red and black horizontal bands, has been erected on Canton rock, situated on the south side of the entrance to Tourane bay.

The top of the beacon is 11 feet above high water; it is intended to surmount it with a black ball.

Approximate position, lat. $16^{\circ} 9\frac{1}{2}'$ N., long. $108^{\circ} 13\frac{1}{2}'$ E.

This Notice affects the following Admiralty Chart:—*Fan Rang bay to Tong* with plan of Tourane bay, No. 1342: Also, *China Sea Directory*, vol. II, 1899, page

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta

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CALCUTTA, the 2nd November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 331.

[Second Publication.]

EASTERN ARCHIPELAGO.

Errata to Notices to Mariners Nos. 92-397, 432 and 607 of 1901, issued by the British Admiralty.

WITH reference to Notice to Mariners No. 58, dated 9th March, No. 206, dated July, No. 432, dated 13th July, and No. 279, dated 30th September 1901, issued by this office, the British Admiralty has given further notice (No. 743 of 1901) that information dated 21st September 1901, has been received from the Netherlands Hydrographer that the periods of the occulting lights on the undermentioned buoys should be amended as follows:—

SURABAYA STRAIT.

1. NOTICE No. 92 of 1901.—Pisangs reef buoy.—For "every forty seconds; twenty seconds; eclipse, twenty seconds," read "every twenty seconds; ten seconds; eclipse, ten seconds)."

Approximate position, lat. $7^{\circ} 11'$ S., long. $112^{\circ} 41'$ E.

BARITO RIVER ENTRANCE.

2. NOTICE No. 397 of 1901.—Section 1. Fairway buoy.—For "every twenty seconds, thus:—light, twenty-five seconds; eclipse, fifteen seconds" read "every twenty-five seconds, thus:—light, fifteen seconds; eclipse, ten seconds."

Section 2. White conical buoy, situated $3\frac{1}{2}$ miles S. 62° W. from Burung point. For "every thirty seconds, thus:—light, twenty seconds; eclipse, ten seconds," read "*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*"

Approximate position, Burung point, lat. $3^{\circ} 34'$ S., long. $114^{\circ} 30'$ E.

PULO LAUT STRAIT.

3. NOTICE No. 432 of 1901.—Section b. Buoy situated 13 cables S. 2° E. from Suangi low light.—For "every thirty seconds," read "*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*"

Section c. Black buoy, situated about 13 cables S. 50° W. from Ayun point.—For "every thirty seconds," read "*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*"

Approximate position, Ayun point, lat. $3^{\circ} 18'$ S., long. $116^{\circ} 6\frac{1}{2}'$ E.

KONINGINNE BAY APPROACH.

4. NOTICE No. 607 of 1901.—Malbro' shoal buoy.—For "every thirty seconds, thus:—light, twenty seconds; eclipse, ten seconds," read "*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*"

Approximate position, lat. $1^{\circ} 2'$ S., long. $100^{\circ} 20\frac{1}{2}'$ E.

This Notice affects the following Admiralty Charts:—(1) Surabaya strait on sheet No. 934: Also, Eastern Archipelago, part II, 1893, page 143; and Supplement, 1899, page 16. (2) Plan of Barito river on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 296; and Supplement, 1899, page 32. (3) Plan of Pulo Laut strait on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, pages 310, 311; and Supplement, 1899, pages 34, 35. (4) Koninginne bay, No. 212: Also, China Sea Directory, vol. I, 1896, page 307; and Supplement, 1899, page 20.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 332.

[Second Publication.]

EASTERN ARCHIPELAGO—PULO LAUT STRAIT.

Buoy north of Suangi island withdrawn.

THE British Admiralty has given notice (No. 744 of 1901) that the black can buoy, moored on the bank between Suangi and Tampakan islands, Pulo Laut strait, will be withdrawn.

Approximate position, lat. $3^{\circ} 24'$ S., long. $116^{\circ} 2'$ E.

This Notice affects the following Admiralty Chart:—Plan of Pulo Laut strait on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 211; and Supplement, 1899, page 35.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 333.

[Second Publication.]

EASTERN ARCHIPELAGO—CELEBES ISLAND, NORTH COAST.

Kwandang bay—Reef southward of Tanjong Besaor.

THE British Admiralty has given notice (No. 746 of 1901) of the existence of a reef with a depth of 6 feet over it, situated in the eastern part of Kwandang bay, with the islet

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 329.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river entrance—Lights to be carried by the Pilot brig "Guide."

WITH reference to Notice to Mariners No. 299, dated 5th October, issued by this Office, the Deputy Conservator of the port of Rangoon has given further notice concerning the exhibition of lights by the Pilot brig *Guide* whilst at anchor. The white light forward will be hoisted at the starboard fore-topsail yard arm.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta

Published for general information.

CALCUTTA, the 30th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 330.

[Second Publication.]

CHINA SEA—ANNAM.

Tourane bay—Beacon established on Canton rock.

THE British Admiralty has given notice (No. 737 of 1901) that a beacon, painted in red and black horizontal bands, has been erected on a rock situated on the south side of the entrance to Tourane bay.

The top of the beacon is 11 feet above high water; it is intended to surmount it with a black ball.

Approximate position, lat. $16^{\circ} 9\frac{1}{2}'$ N., long. $108^{\circ} 13\frac{1}{4}'$ E.

This Notice affects the following Admiralty Chart:—*Fan Rang bay to Tong* with plan of Tourane bay, No. 1342: Also, *China Sea Directory*, vol. II, 1899, page

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta

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CALCUTTA, the 2nd November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 331.

[Second Publication.]

EASTERN ARCHIPELAGO.

Errata to Notices to Mariners Nos. 92-397, 432 and 607 of 1901, issued by the British Admiralty.

WITH reference to Notice to Mariners No. 58, dated 9th March, No. 206, dated July, No. 432, dated 13th July, and No. 279, dated 30th September 1901, issued by this office, the British Admiralty has given further notice (No. 743 of 1901) that information dated 21st September 1901, has been received from the Netherlands Hydrographic Service that the periods of the occulting lights on the undermentioned buoys should be amended as follows:—

SURABAYA STRAIT.

1. NOTICE No. 92 of 1901.—Pisangs reef buoy.—For "every forty seconds; light, twenty seconds; eclipse, twenty seconds," read "every twenty seconds; light, ten seconds; eclipse, ten seconds."

Approximate position, lat. $7^{\circ} 11'$ S., long. $112^{\circ} 41'$ E.

BARITO RIVER ENTRANCE.

2. NOTICE No. 397 of 1901.—Section 1. Fairway buoy.—For "every twenty seconds; light, twenty-five seconds; eclipse, fifteen seconds," read "every twenty-five seconds; light, fifteen seconds; eclipse, ten seconds."

Section 2. White conical buoy, situated $3\frac{1}{2}$ miles S. 62° W. from Burung point. For "every thirty seconds, thus:—light, twenty seconds; eclipse, ten seconds," read "*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*"

Approximate position, Burung point, lat. $3^{\circ} 34'$ S., long. $114^{\circ} 30'$ E.

PULO LAUT STRAIT.

3. NOTICE No. 432 OF 1901.—Section b. Buoy situated 13 cables S. 2° E. from Suangi low light.—For "every thirty seconds," read "*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*"

Section c. Black buoy, situated about 13 cables S. 50° W. from Ayun point.—For "every thirty seconds," read "*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*"

Approximate position, Ayun point, lat. $3^{\circ} 18'$ S., long. $116^{\circ} 6\frac{1}{2}'$ E.

KONINGINNE BAY APPROACH.

4. NOTICE No. 607 OF 1901.—Malbro' shoal buoy.—For "every thirty seconds, thus:—light, twenty seconds; eclipse, ten seconds," read "*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*"

Approximate position, lat. $1^{\circ} 2'$ S., long. $100^{\circ} 20\frac{1}{2}'$ E.

This Notice affects the following Admiralty Charts:—(1) Surabaya strait on sheet No. 934: Also, Eastern Archipelago, part II, 1893, page 143; and Supplement, 1899, page 16. (2) Plan of Barito river on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 296; and Supplement, 1899, page 32. (3) Plan of Pulo Laut strait on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, pages 310, 311; and Supplement, 1899, pages 34, 35. (4) Koninginne bay, No. 212: Also, China Sea Directory, vol. I, 1896, page 307; and Supplement, 1899, page 20.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 332.

[Second Publication.]

EASTERN ARCHIPELAGO—PULO LAUT STRAIT.

Buoy north of Suangi island withdrawn.

THE British Admiralty has given notice (No. 744 of 1901) that the black can buoy, moored on the bank between Suangi and Tampakan islands, Pulo Laut strait, will be withdrawn.

Approximate position, lat. $3^{\circ} 24'$ S., long. $116^{\circ} 2'$ E.

This Notice affects the following Admiralty Chart:—Plan of Pulo Laut strait on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 211; and Supplement, 1899, page 35.

E. J. BEAUMONT, COMDR., R.I.M.,
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CALCUTTA, the 2nd November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 333.

[Second Publication.]

EASTERN ARCHIPELAGO—CELEBES ISLAND, NORTH COAST.

Kwandang bay—Reef southward of Tanjong Besaor.

THE British Admiralty has given notice (No. 746 of 1901) of the existence of a reef with a depth of 6 feet over it, situated in the eastern part of Kwandang bay, with the islet

off Tanjong Besaor bearing N. 11° E., distant $2\frac{1}{6}$ miles, and the summit of Hulapa island N. 73° W.

Approximate position, lat. $0^{\circ} 55' 10''$ N., long. $122^{\circ} 56' 5''$ E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Panang to Pulo Motuo, No. 3195. Also, Eastern Archipelago, part II, 1893, page 384.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

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CALCUTTA, the 2nd November 1901. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 334.

[Second Publication.]

EASTERN ARCHIPELAGO—CELEBES ISLAND, NORTH COAST.

Kwandang bay—Beacons established.

THE British Admiralty has given notice (No. 747 of 1901) that, during the month of October 1901, the undermentioned beacons would be established in Kwandang bay:—

1. A screw pile beacon, surmounted by a black cone, on the south edge of the Antoinette reef.

Approximate position, lat. $0^{\circ} 56' 30''$ N., long. $122^{\circ} 55' 00''$ E.

2. A screw pile beacon, surmounted by a white globe, on the north edge of the Phoenix reef.

Approximate position, lat. $0^{\circ} 54' 00''$ N., long. $122^{\circ} 54' 20''$ E.

3. A screw pile beacon, surmounted by a black cone, on the south edge of the reef lying about $1\frac{1}{4}$ miles to the northward of Otangala island.

Approximate position, lat. $0^{\circ} 56' 10''$ N., long. $122^{\circ} 48' 10''$ E.

This Notice affects the following Admiralty Charts:—Panang to Pulo Motuo, No. 3195. Also, Eastern Archipelago, part II, 1893, page 384.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd November 1901. C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 335.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Balasore anchoring buoy re-laid.

WITH reference to Notice to Mariners No. 322, dated the 29th October, issued by this office, the Port Officer, Balasore and Cuttack ports, has given further notice that the Balasore anchoring buoy has been relaid in former position, in 18 feet reduced.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th November 1901. C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, NOVEMBER 20, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 342.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Monkey point channel—Depth of water.

THE Port Officer, Rangoon, has given notice, dated 6th November, that the following depth of water was found in the channel and reduced to zero of King's Point tide gauge:—

	Feet.
No. 1 Track.—Messrs. The Bombay Burma Trading Company's new Chimney, Dunneedaw, touching the south side of the Botataung Pagoda ...	10
„ 2 „ Botataung Pagoda on with South-West corner of Monkey Point Pontoon ...	11
„ 3 „ Mower's Mill Chimney on with Brooking Street Wharf shear legs ...	11

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 343.

[First Publication.]

AUSTRALIA, SOUTH—ST. VINCENT GULF.

Semaphore and Glenelg Jetty light-houses.

THE Secretary, Marine Board, Port Adelaide, has given notice (No. 20 of 1901) that the fixed green light now shown from a wooden tower at the outer end of the Semaphore Jetty, and the fixed red light of the fourth order shown from an iron tower, painted white and red, at the outer end of the Glenelg Jetty will be discontinued on the 28th February 1902, and in lieu thereof, an ordinary white light, visible five miles, will be exhibited from a lamp post at the extreme end of each Jetty from the night of 1st March 1902.

This affects Admiralty Charts Nos. 2389a and 1750.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 344.

[First Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water in the channel.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channel by soundings taken on the 7th November and reduced to zero:—

					Ft. in.
Track No. 1—Outer bar—					
Disc on diamond	...	...	...	...	12 6
Track No. 2—Inner bar—					
Disc on diamond	...	...	...	...	10 6
Track No. 3—					
Tripod on cross and ball	...	...	...	...	14 6
Track No. 4—					
Triangle on mast	...	...	...	...	22 0
Track No. 5—					
* Guptakhali crossing	...	...	...	...	18 0

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 345.

[First Publication.]

CHINA—YANG TSE KIANG APPROACH.

Shoaling of North channel—Alteration in buoyage.

WITH reference to Notice to Mariners No. 239, dated 10th August 1901, issued from this office, the British Admiralty has given further notice (No. 770 of 1901) that the North channel, Yang tse approach, is at present unsuitable for deep draught vessels, and the consequence thereof the undermentioned buoys have been withdrawn:—

- (a) Shaweishan buoy (red conical), situated 3 miles S. 8° E. from Shaweishan light house.
- (b) Midway Flat buoy (red conical), situated 6½ miles S. 71° W. from Shaweishan lighthouse.
- (c) Outer Ch'i yao bank buoy (red conical), situated 7¼ miles S. 57° E. from Drinkwater point lighthouse.

Also, that the ball surmounting Drinkwater point buoy has been replaced by a spherical cage.

Approximate position, Shaweishan island, lat. 31° 25½' N., long. 122° 14' E.

(Variation 2° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Kue shan islands to the Yang tse, No. 1199; Yang tse kiang approach, No. 1602; Also, China Sea Directory, vol. III, 1894, page 416; and Supplement, 1898, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 346.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Alguada reef intended light—Amended description.

WITH reference to Notice to Mariners No. 244, dated 17th August last, issued by this office, the British Admiralty has given notice (No. 782 of 1901) that information, dated 8th October 1901, has been received from the Trinity House, London, that the character of the intended light on Alguada reef, which will be established in 1902, will be white flashing.

every ten seconds, thus:—flash, *eight-tenths of a second*; eclipse, *nine and two-tenth seconds*; and not occulting, light eight seconds, eclipse two seconds, as stated in Notice 717 of this year.

Approximate position, lat. $15^{\circ} 42' N.$, long. $94^{\circ} 11' E.$

This Notice affects the following Admiralty Charts:—Bay of Bengal, No. 70; Cocanada to Bassein river, &c., No. 829; Bassein river to Pulo Penang, No. 830; Koronge island to White point, No. 823; Prepara North channel, No. 152; Bassein river and approaches, No. 834; Also, List of Lights, part VI, 1901, No. 362; and Bay of Bengal Pilot, 1901, page 338.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, 18th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 347.

[First Publication.]

NEW ZEALAND, NORTH ISLAND—POVERTY BAY.

Tokomaru and Tomoana rocks—Particulars given.

WITH reference to Notice to Mariners No. 280, dated the 30th September 1901, issued by this office, the British Admiralty has given further notice (No. 783 of 1901) respecting Tokomaru and Tomoana rocks on which vessels of those names recently struck in Poverty Bay.

GISSBORNE ROCK, on which there is a least depth of 25 feet, is situated with Gisborne bearing N. $12^{\circ} E.$, distant $12\frac{1}{2}$ cables, and Pah hill N. $70^{\circ} E.$

TOMOANA ROCK, on which there is a least depth of 25 feet, is situated one cable East from Tokomaru rock.

Each of these rocks has been temporarily marked by a small buoy.

Caution.—Vessels of heavy draught should not anchor inside the 10-fathom contour in the vicinity of these rocks, as the ground is foul.

Approximate position, Gisborne flagstaff, lat. $38^{\circ} 40' S.$, long. $178^{\circ} 2\frac{1}{2}' E.$

(Variation 14° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Poverty bay, No. 1663; Also, New Zealand Pilot, 1901, page 153.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 336.

[Second Publication.]

CHINA—AMOY RIVER HARBOUR.

Position of Petroleum pier and lights.

WITH reference to Notice to Mariners No. 147, dated the 20th May last, issued by this office, the British Admiralty has given further notice (No. 754 of 1901) that the position of the Petroleum pier and lights given in that Notice should be amended as follows:—

The pier, built of wood, does not extend to the shore, but its inner end commences at the rock, marked by a white perch surmounted by a basket, situated half a cable to the southward of the outer extremity of Stonecutter's jetty, from whence it extends about 25 yards into the harbour.

Two red fixed lights, placed vertically about two feet apart, are shown from a small derrick on the outer end of the pier.

There are no lights on the dolphins, which are situated on each side of the outer end of this pier.

Approximate position, lat. $24^{\circ} 27' N.$, long. $118^{\circ} 4\frac{1}{2}' E.$

This Notice affects the following Admiralty Chart:—Amoy Inner harbour, No. 1764: Also List of Lights, part VI, 1901, page 120; and China Sea Directory, vol. III, 1894, page 179.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 337.

[Second Publication.]

CHINA SEA—FORMOSA, NORTH-WEST COAST.

Paksa point—Light established.

With reference to Notice to Mariners No. 118, dated the 22nd April issued by this office, the British Admiralty has given further notice (No. 756 of 1901) on Paksa point, north-west coast of Formosa, is now exhibited.

Paksa is a flashing light showing red and white flashes alternately every ten seconds, elevated 122 feet above high water, and visible in clear weather from a distance of 12 miles.

The lighthouse is a cylindrical brick building, painted white, and is 74 feet high.

Approximate position, lat. $25^{\circ} 2' N.$, long. $121^{\circ} 3' E.$

This Notice affects the following Admiralty Charts:—Amoy to Nagasaki, No. 1764; Formosa island and strait, No. 1968; Ockseu islands to Tung Yung, No. 1761: Also, List of Lights, part VI, 1901, No. 813a; and China Sea Directory, vol. III, 1894, page 260.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 338.

[Second Publication.]

CHINA SEA—BANGUEY, SOUTH CHANNEL.

Mitford harbour—Beacons in approach disappeared.

The British Admiralty has given notice (No. 757 of 1901) that the Captain of the German S.S. *Wong Koi* reports that the two beacons, marking the reefs to the southward of the Middle channel into Mitford harbour, Banguey island, have disappeared.

Approximate position, lat. $7^{\circ} 7' N.$, long. $117^{\circ} 7\frac{1}{2}' E.$

This Notice affects the following Admiralty Charts:—Gaya bay to Sandakan harbour, No. 287; Balabac strait, No. 948; Mitford harbour, No. 1220: Also, China Sea Directory, vol. II, 1899, page 190; and Eastern Archipelago, part I, 1890, page 161.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 339.

[Second Publication.]

AFRICA, EAST COAST—PUNGUE RIVER.

Alterations in buoyage.

THE British Admiralty has given notice (No. 758 of 1901) that, owing to changes in the shoals at the entrance to the river Pungue, No. 2 red buoy has been withdrawn, and vessels can now steer direct from No. 1 to No. 3 buoy.

Also, that a new buoy, No. 10, has been moored in the river above No. 9 buoy to indicate the anchorage for merchant vessels.

Approximate position, No. 2 buoy, lat. $19^{\circ} 56'$ S., long. $34^{\circ} 56'$ E.

This Notice affects the following Admiralty Chart:—River Pungue, No. 1003: Also, Africa Pilot, part III, 1897, page 221; and Supplement, 1900, pages 20, 21.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 8th November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 340.

[Second Publication.]

PACIFIC OCEAN—(SOUTH).

Ice.

THE British Admiralty has given notice (No. 765 of 1901) that information has been received from the New Zealand Shipping Company that the Captains of their vessels report that in August 1901 they passed in the South Pacific a large number of icebergs with floe ground them between the parallels of 58° and 53° S. latitude and the meridians of 148° and 124° W. longitude. The Master of S.S. *Hawkes Bay* also reports that between latitudes 54° and 53° S. and longitudes 138° and 135° W. he passed numerous icebergs and loose ice. Ice in such large quantities has not been reported as existing in this area since 1896.

This Notice affects the following Admiralty Chart:—South Pacific, Nos. 788, 789.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 8th November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 341.

[Second Publication.]

AUSTRALIA—WIDE BAY BAR.

Beacons on Hook point and Inskip point.

WITH reference to Notice to Mariners No. 252, dated the 31st August last, issued by this office, the Port Master, Brisbane, has given further notice (No. 23 of 1901) amending Notice to Mariners No. 14 of 1901 as follows:—

The square white beacons on Hook Point, which are to be kept in line crossing Wide Bay Bar, bear S. $87^{\circ} 30'$.

The triangular beacons on Inskip Point, which are also to be used in line, bear S. $61^{\circ} 45'$ W.

Charts affected:—Nos. 1030 and 1068; Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 8th November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 316.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Balasore light.

WITH reference to Notice to Mariners No. 215, dated the 31st August 1900, issued by this Office, the Port Officer, Cuttack and Balasore ports, has given further notice that the Balasore light, exhibited from the Chandipur flagstaff, is a sixth order light, between the bearings of S. 35° W. through W. to N. 35° E. magnetic, in every direction seaward, and visible in clear weather at a distance of 10 miles.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 28th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 317.

[Third Publication.]

AUSTRALIA—MORETON BAY.

Pilotage cruising ground.

THE Acting Portmaster, Brisbane, has given notice (No. 19 of 1901) to Masters of vessels departing by way of the North-west Channel, Moreton bay, are reminded that Pilots should be discharged at or within the prescribed Pilot Cruising Ground of the entrance to the North Channel. This is necessary to prevent delay to vessels arriving from the South requiring Pilots.

Charts affected—Nos. 1670, 1029, 1068; and *Australia Directory*, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 318.

[Third Publication.]

AUSTRALIA—MORETON BAY, NORTH CHANNEL.

New entrance leading light.

THE Acting Portmaster, Brisbane, has given notice (No. 20 of 1901) that on 14th October a light will be exhibited from the western slope of Howard Rang Island, in the following position:—

Comboyuro Point light bearing N. 29° W., distant $2\frac{4}{10}$ miles.

The light will be white, placed in a square white light room, at an elevation of about 200 feet above sea-level, and will be visible over an arc of about 15 degrees from S. 22° E. to S. 37° E. It is a 4th order holophote, and with Comboyuro Point Light in line forms a lead past the East Banks.

Directions.

Vessels entering from seaward will proceed as hitherto, crossing the line of Cowan Cowan and Tangeluma Lights and continuing until the new high light comes in line with Comboyuro Point Light bearing S. 29° E. Keep this line until the Yellow Patch Light shuts out, when haul quickly to the eastward and make the Tangeluma-Cowan lead. Keep this line and continue as before.

Vessels outward bound will keep the Tangeluma lead until the Yellow Patch light opens, when they must haul quickly to the westward and gain the new lead on a S. 29° E. bearing. Keep this line until Yellow Patch and Cape Moreton are in line, or nearly when haul out and proceed as hitherto.

Charts affected—Nos. 1029, 1068, 1670a; and *Australia Directory*, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 319.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Melville passage and off Pipon island—Shoals.

THE Acting Portmaster, Brisbane, has given notice (No. 21 of 1901) that Commander Monro, of H.M.S. *Dart*, reports the existence of shoals in the following positions, viz. : —

Barrier Reef Passages—Melville Passage.—A shoal with 3 fathoms on it lies in the centre of the passage. From this patch the S.W. end of No. 2 sandbank bears S. 72° E., distant 1 mile.

Latitude	...	...	...	13° 58½' S.
Longitude	...	...	...	144° 29' E.

Pipon island.—Foul ground extends off the northern end of Pipon Island Reef nearly 1½ miles. A rock carrying only 3 feet at low water lies in this foul ground. From the rock Pipon Island Lighthouse bears S. 8° W., distant 2 miles.

Latitude	...	...	...	14° 5½' S.
Longitude	...	...	...	144° 31½' E.

Chart affected—No. 2922; and *Australia Directory*, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 320.

[Third Publication.]

AUSTRALIA—TORRES STRAIT, INNER ROUTE.

Cape Melville—Shoal off Rocky point.

THE Acting Portmaster, Brisbane, has given notice (No. 22 of 1901) that Commander Munro, of H.M.S. *Dart*, reports that shoal water, with less than 1 fathom in places, extends nearly 1½ miles off Rocky Point, south of Cape Melville.

Approximate position—Latitude	...	...	...	14° 14' S.
Longitude	...	...	...	144° 35½' E.

Masters of vessels are therefore cautioned to closely follow the route recommended hereabouts.

Chart affected—No. 2922; *Australia Directory*, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 321.

[Third Publication.]

INDIA, WEST—BOMBAY COAST.

Alleppey anchorage—Buoys.

THE Master Attendant, Alleppey, has given notice that the Buoys marking the anchorage have been put out; their positions being about as follows:—

Red (Northern) Buoy.

Bearing to Light-house N. 77 E.

Do. Port Pillar N. 72 E.

Depth of water 4½ to 5 fathoms.

Black (Southern) Buoy.

Bearing to Light-house N. 58 E.

Do. Port Pillar N. 53 E.

Depth of water 4 to 4½ fathoms.

N.B.—Ordinarily the proper anchorage will be between the Buoys; but, as the mud bank has been here for some weeks, and shifts rapidly, Commanders may be asked to alter their positions slightly, to enable the cargo boats to take full advantage of the smooth water.

The depth of water given is not reliable for the above reason: the lead must be used when approaching the anchorage.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 322.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Balasore anchoring buoy adrift.

A TELEGRAPHIC communication has been received from the Port Officer, Cuttack and Balasore ports, stating that the Balasore anchoring buoy which has broken adrift will be recovered and placed in position as soon as possible.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 323.

[Third Publication.]

INDIA, SOUTH—CEYLON COAST.

Palk strait—Wreck in East channel.

THE British Admiralty has given notice (No. 708 of 1901) that a wreck, with two masts showing about 4 feet above water, lies sunk in the East channel, Palk strait, with Kankesan-tura light-house bearing S. 19° W., distant 9 miles, and point Pedro, S. 49° E.

Approximate position on Chart No. 2197, lat. 9° 57½' N., long. 80° 5½' E. *See lig.*

(Variation Nil in 1901.)

This Notice temporarily affects the following Admiralty Charts:—Palk strait, *See*, R.I.M., point Pedro to Delft island, No. 2197: Also, Bay of Bengal Pilot, 1901, page 123. *See* Calcutta.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 324.

[Third Publication.]

CHINA SEA—CARIMATA STRAIT.

Montaran islands—Reef south-east of Gampal (Telagapat) island.

THE British Admiralty has given notice (No. 709 of 1901) of the existence of a detached reef, about 1½ cables in length, with a least depth of 2 feet over it, situated to the south-eastward of Gampal (Telagapat) island, with the south-west point of that island bearing N. 53° W., and the centre of Sekumpul island N. 13° W.

The general depth over this reef is 2 fathoms, and the water shows but little discolouration.

Approximate position, lat. 2° 35' 5" S., long. 108° 34' 55" E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Carimata strait, No. 2160: Also China Sea Directory, vol. I, 1896, page 480.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 29th October 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 325.

[Third Publication.]

AUSTRALIA—QUEENSLAND.

Keppel bay—Signal for Pilot.

THE British Admiralty has given notice (No. 710 of 1901) that when telegraphic communication is interrupted between cape Capricorn and the Pilot station, Keppel bay, a red light will be exhibited from cape Capricorn.

A vessel requiring a pilot should on such occasions make the signal for one as soon as it would be visible from the Pilot station.

Approximate position of Pilot station, lat. $23^{\circ} 28'$ S., long. $151^{\circ} 2'$ E.

This Notice affects the following Admiralty Chart:—Keppel bay and islands, No. 363: Also, Light List, part VI, 1901, No. 1270; and Australia Directory, vol. II, 1898, page 190.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 326.

[Third Publication.]

NEW ZEALAND—SOUTH ISLAND.

Timaru—Light established on eastern breakwater.

THE British Admiralty has given notice (No. 714 of 1901) that, on and after the 1st 1901, the fixed light would be exhibited, at an elevation of 55 feet above high water end of the staging for the extension of the eastern breakwater, now constructing at Timaru. The light is visible from the bearing of W. N. W., through west and south, to S. E., a distance of 5 miles.

Approximate position, lat. $44^{\circ} 23'$ S., long. $171^{\circ} 19'$ E.

(Variation 16° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Ninety miles beach to Otago with Timaru harbour, No. 2532: Also, List of Lights, part VI, 1901, page 240; and New Zealand Pilot, 1901, page 285.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 327.

[Third Publication.]

NEW ZEALAND—NORTH ISLAND

Hauraki gulf—Rock off Tiri Tiri Matangi island.

THE British Admiralty has given notice (No. 715 of 1901) of the existence of a pinnacle rock, with a depth of 10 feet over it, situated $2\frac{1}{4}$ cables from the north-western end of Tiri Tiri Matangi island, with the north extreme of the island bearing N. 67° E. and the south-west extreme S. 37° E.

Approximate position, lat. $36^{\circ} 35\frac{1}{4}'$ S., long. $174^{\circ} 54'$ E.

(Variation 14° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—New Zealand, sheet II, Tutukaka harbour to Mayor island, No. 2543: Also, New Zealand Pilot, 1901, page 48.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 328.

[Third Publication.]

CHINA SEA—PALAWAN, SOUTH-WEST COAST.

North Balabac strait—Reef to the N. N. W.

THE British Admiralty has given notice (No. 716 of 1901) that the Master of the S.S. *Murex* reports the existence of a reef, apparently small in extent, on which his vessel struck, situated in the northern approach to the North Balabac strait, with Balabac peak bearing about S. 15° E., distant 34 miles.

No soundings were obtained on the reef, but immediately after striking a depth of 7 fathoms was obtained.

Approximate position, lat. 8° 29' N., long. 116° 54' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Charts:—China sea, No. 2660b; Palawan island, No. 967: Also, China Sea Directory, vol. II, 1899, pages 207, 232.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 29th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 329.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Rangoon river entrance—Lights to be carried by the Pilot brig “ ”

WITH reference to Notice to Mariners No. 299, dated 5th October, 1901, the Deputy Conservator of the port of Rangoon has given further notice of exhibition of lights by the Pilot brig *Guide* whilst at anchor. The white light will be hoisted at the starboard fore-topsail yard arm.

E. J. BEAUMONT, COMDR.

Offg. Port Officer of

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 30th October 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 330.

[Third Publication.]

CHINA SEA—ANNAM.

Tourane bay—Beacon established on Canton rock.

THE British Admiralty has given notice (No. 737 of 1901) that a wooden triangular beacon, painted in red and black horizontal bands, has been erected on the Canton rock, situated on the south side of the entrance to Tourane bay.

The top of the beacon is 11 feet above high water; it is intended to surmount it with a black ball.

Approximate position, lat. 16° 9½' N., long. 108° 13½' E.

This Notice affects the following Admiralty Chart:—Fan Rang bay to Tong King gul with plan of Tourane bay, No. 1342: Also, China Sea Directory, vol. II, 1899, page 419.

E. J. BEAUMONT, COMDR., R.I.M.,

Offg. Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 2nd November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 331.

[Third Publication.]

EASTERN ARCHIPELAGO.

Errata to Notices to Mariners Nos. 92-397, 432 and 607 of 1901, issued by the British Admiralty.

WITH reference to Notice to Mariners No. 58, dated 9th March, No. 206, dated 6th July, No. 432, dated 13th July, and No. 279, dated 30th September 1901, issued by this office, the British Admiralty has given further notice (No. 743 of 1901) that information, dated 21st September 1901, has been received from the Netherlands Hydrographer, that the periods of the *occuling* lights on the undermentioned buoys should be amended as follows:—

SURABAYA STRAIT.

1. NOTICE No. 92 of 1901.—Pisangs reef buoy.—For “every forty seconds (light, twenty second; eclipse, twenty seconds),” read “*every twenty seconds* (light, ten seconds; eclipse, ten seconds).”

Approximate position, lat. $7^{\circ} 11' S.$, long. $112^{\circ} 41' E.$

BARITO RIVER ENTRANCE.

2. NOTICE No. 397 of 1901.—Section 1. Fairway buoy.—For “every forty seconds, thus:—light, twenty-five seconds; eclipse, fifteen seconds,” read “*every twenty-five seconds, thus:—light, fifteen seconds; eclipse, ten seconds.*”
Section 2. White conical buoy, situated $3\frac{1}{2}$ miles S. $62^{\circ} W.$ from Burung point. For “every thirty seconds, thus:—light, twenty seconds; eclipse, ten seconds,” read “*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*”

August 1901.
water, from the
under construction.
The light
distance of 5 mi.

Approximate position, Burung point, lat. $3^{\circ} 34' S.$, long. $114^{\circ} 30' E.$

PULO LAUT STRAIT.

3. NOTICE No. 432 of 1901.—Section b. Buoy situated 13 cables S. $2^{\circ} E.$ from Suangi low light.—For “every thirty seconds,” read “*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*”
Section c. Black buoy, situated about 13 cables S. $50^{\circ} W.$ from Ayun point.—For “every thirty seconds,” read “*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*”

Approximate position, Ayun point, lat. $3^{\circ} 18' S.$, long. $116^{\circ} 6\frac{1}{2}' E.$

KONINGINNE BAY APPROACH.

4. NOTICE No. 607 of 1901.—Malbro' shoal buoy.—For “every thirty seconds, thus:—light, twenty seconds; eclipse, ten seconds,” read “*every twenty seconds, thus:—light, ten seconds; eclipse, ten seconds.*”

Approximate position, lat. $1^{\circ} 2' S.$, long. $100^{\circ} 20\frac{1}{2}' E.$

This Notice affects the following Admiralty Charts:—(1) Surabaya strait on sheet No. 934: Also, Eastern Archipelago, part II, 1893, page 143; and Supplement, 1899, page 16. (2) Plan of Barito river on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 296; and Supplement, 1899, page 32. (3) Plan of Pulo Laut strait on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, pages 310, 311; and Supplement, 1899, pages 34, 35. (4) Koninginne bay, No. 212: Also, China Sea Directory, vol. I, 1896, page 301; and Supplement, 1899, page 20.

E. J. BRAUMONT, COMDR., R.N.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

3. A screw pile beacon, surmounted by a black cone, on the south edge of the reef
lying about $1\frac{3}{4}$ miles to the northward of Otangala island.

Approximate position, lat. $0^{\circ} 56' 10''$ N., long. $122^{\circ} 48' 10''$ E.

*This Notice affects the following Admiralty Charts:—Panang to Pulo Motuo, No. 3195 :
Also, Eastern Archipelago, part II, 1893, page 384.*

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 335.

[Third Publication.]

BAY OF BENGAL—ORISSA COAST.

Balasore anchoring buoy re-laid.

WITH reference to Notice to Mariners No. 322, dated the 29th October, issued by this office, the Port Officer, Balasore and Cuttack ports, has given further notice that the Balasore anchoring buoy has been relaid in former position, in 18 feet reduced.

E. J. BEAUMONT, COMDR., R.I.M.,
Offg. Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 4th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO
The Calcutta Gazette.

WEDNESDAY, NOVEMBER 27, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 348.

[First Publication.]

CHINA SEA—PULO SAPATU.

Veteran shoal—Non-existence of—

THE British Admiralty has given notice (No. 790 of 1901) that information, dated 26th August 1891, has been received from Captain M. H. Smyth, H. M. Surveying Vessel *Rambler*, that he had passed over and obtained a sounding of 99 fathoms on the reported position of the Veteran shoal; the sea was rough at the time and a good lookout all round was kept from aloft, but no indication of any shoal or break was seen.

At the original report stated that "Breakers" were seen; but no soundings were apparently obtained; and the Breakers have been unsuccessfully searched for on previous occasions, it is considered that the officers of the *Veteran* must have been misled by one of appearances which sometimes deceive even the most experienced navigators; and as there have never been reported in this locality by any of the numerous vessels passing apatu, this shoal has now been expunged from the Admiralty Charts.

Approximate position, lat. $9^{\circ} 45\frac{3}{4}'$ N., long. $109^{\circ} 11'$ E.
This Notice affects the following Admiralty Charts:—China Sea, Nos. 1263, 2660a; Saigon to Kam r an bay, No. 1261: Also, China Sea Directory, vol. II, 1899, page 111.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 23rd November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 349.

[First Publication.]

BAY OF BENGAL—COROMANDEL COAST.

Negapatam anchorage—Wreck marked by buoy.

THE British Admiralty has given notice (No. 796 of 1901) that a wreck, with depths over it of 12 and 14 feet, which sank in Negapatam anchorage, is marked by a green wreck buoy moored in a depth of 24 feet with Negapatam lighthouse bearing S. 65° W., distant one mile, and northern boundary pillar N. 84° W.

Approximate position, lat. $10^{\circ} 46'$ N., long. $79^{\circ} 52'$ E.

(Variation 1° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Madras to point Calimere, No. 71: Bay of Bengal Pilot, 1901, page 140.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 23rd November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 350.

[First Publication.]

NEW ZEALAND—NORTH-EAST COAST.

Cuvier island light—Obscured arc.

THE British Admiralty has given notice (No. 800 of 1901) that Cuvier island light (*revolving*) in the approach to Hauraki gulf is obscured by the hills on the island, when at a distance of 8 miles from it, between the bearings of S. 66° E., through east, and N. 71° E., but beyond this distance the southern limit of the obscured arc is gradually reduced, until at Cape Colville the light is visible to N. 74° E.

Approximate position, lat. 36° 27' S., long. 175° 49½' E.

(Variation 13° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Tutukaka to Mayor island, No. 2543: Also, List of Lights, part VI, 1901, No. 1408; and New Zealand Pilot, 1901, page 133.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 23rd November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 342.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Monkey point channel—Depth of water.

THE Port Officer, Rangoon, has given notice, dated 6th November, that the following depth of water was found in the channel and reduced to zero of King's Point tide gauge:—

			Feet.
No. 1 Track.—	Messrs. The Bombay Burma Trading Company's		
	new Chimney, Dunneedaw, touching the south		
	side of the Botataung Pagoda ...	10	
" 2 "	Botataung Pagoda on with South-West corner of		
	Monkey Point Pontoon ...	11	
" 3 "	Mower's Mill Chimney on with Brooking Street		
	Wharf shear legs ...	11	

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 343.

[Second Publication.]

AUSTRALIA, SOUTH—ST. VINCENT GULF.

Semaphore and Glenelg Jetty light-houses.

THE Secretary, Marine Board, Port Adelaide, has given notice (No. 20 of 1901) that the fixed green light now shown from a wooden tower at the outer end of the Semaphore Jetty and the fixed red light of the fourth order shown from an iron tower, painted white and red at the outer end of the Glenelg Jetty will be discontinued on the 28th February 1902, and in lieu thereof, an ordinary white light, visible five miles, will be exhibited from a lamp post at the extreme end of each Jetty from the night of 1st March 1902.

This affects Admiralty Charts Nos. 2389a and 1750.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 344.

[Second Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water in the channel.

THE Port Officer, Chittagong, has given notice that the following depth of water was found in the river channel by soundings taken on the 7th November and reduced to zero:—

					Ft. IN.
Track No. 1—Outer bar—					
Disc on diamond	...	...	...	...	12 6
Track No. 2—Inner bar—					
Disc on diamond	...	...	...	...	10 6
Track No. 3—					
Tripod on cross and ball	...	...	...	...	14 6
Track No. 4—					
Triangle on mast	...	...	...	...	22 0
Track No. 5—					
Guptakhali crossing	...	...	...	...	18 0

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 345.

[Second Publication.]

CHINA—YANG TSE KIANG APPROACH.

Shoaling of North channel—Alteration in buoyage.

WITH reference to Notice to Mariners No. 239, dated 10th August 1901, issued by the office, the British Admiralty has given further notice (No. 770 of 1901) that the North channel, Yang tse approach, is at present unsuitable for deep draught vessels, and that in consequence thereof the undermentioned buoys have been withdrawn:—

- (a) Shaweishan buoy (red conical), situated 3 miles S. 8° E. from Shaweishan light-house.
- (b) Midway Flat buoy (red conical), situated 6½ miles S. 71° W. from Shaweishan lighthouse.
- (c) Outer Ch'i yao bank buoy (red conical), situated 7¼ miles S. 57° E. from Drinkwater point lighthouse.

Also, that the ball surmounting Drinkwater point buoy has been replaced by a spherical cage.

Approximate position, Shaweishan island, lat. 31° 25½' N., long. 122° 14' E.

(Variation 2° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—Kue shan islands to the Yang tse, No. 1199; Yang tse kiang approach, No. 1602; Also, China Sea Directory, vol. III, 1894, page 416; and Supplement, 1898, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 13th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 346.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Alguada reef intended light—Amended description.

WITH reference to Notice to Mariners No. 244, dated 17th August last, issued by this office, the British Admiralty has given notice (No. 782 of 1901) that information, dated 8th October 1901, has been received from the Trinity House, London, that the character of the intended light on Alguada reef, which will be established in 1902, will be white flashing

every ten seconds, thus :—flash, *eight-tenths of a second*; eclipse, *nine and two-tenth seconds*; and not occulting, light eight seconds, eclipse two seconds, as stated in Notice 717 of this year.

Approximate position, lat. $15^{\circ} 42' N.$, long. $94^{\circ} 11' E.$

This Notice affects the following Admiralty Charts :—Bay of Bengal, No. 70; Cocanada to Bassein river, &c., No. 829; Bassein river to Pulo Penang, No. 830; Koronge island to White point, No. 823; Preparis North channel, No. 152; Bassein river and approaches, No. 834: Also, List of Lights, part VI, 1901, No. 362; and Bay of Bengal Pilot, 1901, page 338.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, 18th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 347.

[Second Publication.]

NEW ZEALAND, NORTH ISLAND—POVERTY BAY.

Tokomaru and Tomoana rocks—Particulars given.

WITH reference to Notice to Mariners No. 280, dated the 30th September 1901, issued by this office, the British Admiralty has given further notice (No. 783 of 1901) respecting the Tokomaru and Tomoana rocks on which vessels of those names recently struck in Poverty bay.

TOKOMARU ROCK, on which there is a least depth of 25 feet, is situated with Gisborne flagstaff bearing N. $12^{\circ} E.$, distant $12\frac{1}{2}$ cables, and Pah hill N. $70^{\circ} E.$

TOMOANO ROCK, on which there is a least depth of 25 feet, is situated one cable East from Tokomaru rock.

Each of these rocks has been temporarily marked by a small buoy.

Caution.—Vessels of heavy draught should not anchor inside the 10-fathom contour in the vicinity of these rocks, as the ground is foul.

Approximate position, Gisborne flagstaff, lat. $38^{\circ} 40' S.$, long. $178^{\circ} 2\frac{1}{2}' E.$

(Variation 14° Easterly in 1901.)

This Notice affects the following Admiralty Chart :—Poverty bay, No. 1663: Also, New Zealand Pilot, 1901, page 153.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 336.

[Third Publication.]

CHINA—AMOY RIVER HARBOUR.

Position of Petroleum pier and lights.

WITH reference to Notice to Mariners No. 147, dated the 20th May last, issued by this office, the British Admiralty has given further notice (No. 754 of 1901) that the position of the Petroleum pier and lights given in that Notice should be amended as follows :—

The pier, built of wood, does not extend to the shore, but its inner end commences at the rock, marked by a white perch surmounted by a basket, situated half a cable to the southward of the outer extremity of Stonecutter's jetty, from whence it extends about 100 yards into the harbour.

Two red fixed lights, placed vertically about two feet apart, are shown from a derrick on the outer end of the pier.

There are no lights on the dolphins, which are situated on each side of the outer end of this pier.

Approximate position, lat. $24^{\circ} 27' N.$, long. $118^{\circ} 4\frac{1}{2}' E.$

This Notice affects the following Admiralty Chart:—Amoy Inner harbour, No. 1764: Also, List of Lights, part VI, 1901, page 120; and China Sea Directory, vol. III, 1894, page 179.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 337.

[Third Publication.]

CHINA SEA—FORMOSA, NORTH-WEST COAST.

Paksa point—Light established.

WITH reference to Notice to Mariners No. 118, dated the 22nd April last, issued by this office, the British Admiralty has given further notice (No. 756 of 1901) that the light on Paksa point, north-west coast of Formosa, is now exhibited.

Paksa is a *flashing* light showing *red and white flashes alternately every ten seconds*. It is elevated 122 feet above high water, and visible in clear weather from a distance of 18 miles.

The lighthouse is a cylindrical brick building, painted white, and is 74 feet in height.

Approximate position, lat. $25^{\circ} 2' N.$, long. $121^{\circ} 3' E.$

This Notice affects the following Admiralty Charts:—Amoy to Nagasaki, No. 2412; Formosa island and strait, No. 1968; Ockseu islands to Tung Yung, No. 1761: Also, List of Lights, part VI, 1901, No. 813a; and China Sea Directory, vol. III, 1894, page 260.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 338.

[Third Publication.]

CHINA SEA—BANGUEY, SOUTH CHANNEL.

Mitford harbour—Beacons in approach disappeared.

THE British Admiralty has given notice (No. 757 of 1901) that the Captain of the German S.S. *Wong Koi* reports that the two beacons, marking the reefs to the southward of the Middle channel into Mitford harbour, Banguey island, have disappeared.

Approximate position, lat. $7^{\circ} 7' N.$, long. $117^{\circ} 7\frac{1}{2}' E.$

This Notice affects the following Admiralty Charts:—Gaya bay to Sandakan harbour, No. 287; Balabac strait, No. 948; Mitford harbour, No. 1220: Also, China Sea Directory, vol. II, 1899, page 190; and Eastern Archipelago, part I, 1890, page 161.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 339.

[Third Publication.]

AFRICA, EAST COAST—PUNGUE RIVER.

Alterations in buoyage.

THE British Admiralty has given notice (No. 758 of 1901) that, owing to changes in the shoals at the entrance to the river Pungue, No. 2 red buoy has been withdrawn, and vessels can now steer direct from No. 1 to No. 3 buoy.

Also, that a new buoy, No. 10, has been moored in the river above No. 9 buoy to indicate the anchorage for merchant vessels.

Approximate position, No. 2 buoy, lat. $19^{\circ} 56'$ S., long. $34^{\circ} 56'$ E.

This Notice affects the following Admiralty Chart:—River Pungue, No. 1003: Also, Africa Pilot, part III, 1897, page 221; and Supplement, 1900, pages 20, 21.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 340.

[Third Publication.]

PACIFIC OCEAN—(SOUTH).

Ice.

THE British Admiralty has given notice (No. 765 of 1901) that information has been received from the New Zealand Shipping Company that the Captains of their vessels report that in August 1901 they passed in the South Pacific a large number of icebergs with floe ice around them between the parallels of 58° and 53° S. latitude and the meridians of 148° and 124° W. longitude.

The Master of S.S. *Hawkes Bay* also reports that between latitudes 54° and 53° S. and longitudes 138° and 135° W. he passed numerous icebergs and loose ice.

Ice in such large quantities has not been reported as existing in this area since 1896.

This Notice affects the following Admiralty Chart:—South Pacific, Nos. 788, 789.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 341.

[Third Publication.]

AUSTRALIA—WIDE BAY BAR.

Beacons on Hook point and Inskip point.

WITH reference to Notice to Mariners No. 252, dated the 31st August last, issued by this office, the Port Master, Brisbane, has given further notice (No. 23 of 1901) amending Notice to Mariners No. 14 of 1901 as follows:—

The square white beacons on Hook Point, which are to be kept in line crossing Wide Bay Bar, bear S. $87^{\circ} 30'$.

The triangular beacons on Inskip Point, which are also to be used in line, bear 45° W.

Charts affected:—Nos. 1030 and 1068; Australia Directory, vol. 2.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 8th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO
The Calcutta Gazette.

WEDNESDAY, DECEMBER 4, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 351.

[First Publication.]

BAY OF BENGAL—BURMA COAST.

Caution—Position of wreck of a native craft.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon, stating that the Master of the steamer *Madura* reports having passed the wreck of a native craft on the 27th November, in Lat. $16^{\circ} 40' N.$, Long $93^{\circ} 18' E.$ Mariners are accordingly warned.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 352.

[First Publication.]

INDIA, WEST—BOMBAY COAST.

Buoys between Alibág and Vengurla replaced.

WITH reference to Notice to Mariners No. 199, dated the 1st July last, issued by this office, the Bombay Government has given further notice (No. 115 of 1901) that the undermentioned buoys on the coast between Alibág and Vengurla have been replaced in their positions on the dates marked against each of them:—

Alibág Buoy on 22nd September 1901.
Bánkot Buoys on 3rd October 1901.
Anjanvel Buoy on 14th October 1901.
Jaitápur Buoy on 7th October 1901.
Málvan Harbour Buoys on 23rd September 1901.
Johnstone Castle Buoy on 25th September 1901.
Málvan Rock Buoy on 26th September 1901.
Chaldea Rock Buoy on 26th September 1901.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 353.

[First Publication.]

AUSTRALIA—QUEENSLAND—KEPPEL BAY.

Great Keppel island—Position of Sykes rock.

THE British Admiralty has given notice (No. 815 of 1901) that the position of Sykes rock, Great Keppel island, is $2\frac{1}{2}$ cables S.W. of that shown on the Chart.

Approximate position, lat. $23^{\circ} 12' S.$, long. $151^{\circ} 0' E.$

(Variation 8° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Keppel bay, No. 363: Also, Australia, vol. II, 1898, page 203.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 354.

[First Publication.]

PACIFIC OCEAN (SOUTH)—DUKE OF YORK ISLAND.

Meoko harbour—Shoals in approach.

THE British Admiralty has given notice (No. 822 of 1901) that there are several coral heads, with depths of from 16 to 21 feet over them, in the eastern approach to Meoko harbour, and of 17 feet in the north-western approach; vessels therefore of over 15 feet draught should not enter the harbour until these shoals are marked by buoys.

Approximate position, Meoko, lat. $4^{\circ} 12' S.$, long. $152^{\circ} 28' E.$

This Notice affects the following Admiralty Chart:—Plan of Duke of York group No. 764: Also, Pacific islands, vol. I, 1900, page 381.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 355.

[First Publication.]

AFRICA, EAST COAST—ZANZIBAR.

Mangapawni light.

THE following Notice to Mariners issued by the Government of Zanzibar is republished for general information:—

The sixth order fixed light at the Mangapawni light-house situated about 12 miles from Zanzibar town has been substituted by a light of the fourth order visible in clear weather 13 to 15 miles. This light when well shut in leads clear of the Seagull shoals.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 348.

[Second Publication.]

CHINA SEA—PULO SAPATU.

Veteran shoal—Non-existence of—.

THE British Admiralty has given notice (No. 790 of 1901) that information, dated 26th August 1901, has been received from Captain M. H. Smyth, H. M. Surveying Vessel *Rambler*, that he had passed over and obtained a sounding of 99 fathoms on the reported position of the Veteran shoal; the sea was rough at the time and a good lookout all round was kept from aloft, but no indication of any shoal or break was seen.

As the original report stated that "Breakers" were seen; but no soundings were apparently obtained; and the Breakers have been unsuccessfully searched for on previous occasions, it is considered that the officers of the *Veteran* must have been misled by one of those appearances which sometimes deceive even the most experienced navigators; and as Breakers have never been reported in this locality by any of the numerous vessels passing Pulo Sapatu, this shoal has now been expunged from the Admiralty Charts.

Approximate position, lat. $9^{\circ} 45\frac{1}{2}'$ N., long. $109^{\circ} 11'$ E.

This Notice affects the following Admiralty Charts:—China Sea, Nos. 1263, 2660a; Saigon river to Kam ranh bay, No. 1261: Also, China Sea Directory, vol. II, 1899, page 111.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 23rd November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 349.

[Second Publication.]

BAY OF BENGAL—COROMANDEL COAST.

Negapatam anchorage—Wreck marked by buoy.

THE British Admiralty has given notice (No. 796 of 1901) that a wreck, with depths over it of 12 and 14 feet, which sank in Negapatam anchorage, is marked by a green wreck buoy moored in a depth of 24 feet with Negapatam lighthouse bearing S. 65° W., distant one mile, and northern boundary pillar N. 84° W.

Approximate position, lat. $10^{\circ} 46'$ N., long. $79^{\circ} 52'$ E.

(Variation 1° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Madras to point Calimere, No. 71: Also, Bay of Bengal Pilot, 1901, page 140.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 23rd November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 350.

[Second Publication.]

NEW ZEALAND—NORTH-EAST COAST.

Cuvier island light—Obscured arc.

THE British Admiralty has given notice (No. 800 of 1901) that Cuvier island light (revolving) in the approach to Hauraki gulf is obscured by the hills on the island, when at a distance of 8 miles from it, between the bearings of S. 66° E., through east, and N. 71° E., but beyond this distance the southern limit of the obscured arc is gradually reduced, until at Cape Colville the light is visible to N. 74° E.

Approximate position, lat. $36^{\circ} 27'$ S., long. $175^{\circ} 49\frac{1}{2}'$ E.

(Variation 13° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Tutukaka to Mayor island, No. 2543: Also, List of Lights, part VI, 1901, No. 1408; and New Zealand Pilot, 1901, page 123.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,

Asst. Secy., Marine Department.

CALCUTTA, the 23rd November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 342.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Monkey point channel—Depth of water.

THE Port Officer, Rangoon, has given notice, dated 6th November, that the following depth of water was found in the channel and reduced to zero of King's Point tide gauge:—

					Feet.
No. 1	Track.	—Messrs. The Bombay Burma Trading Company's			
		new Chimney, Dunneedaw, touching the south			
		side of the Botataung Pagoda ...	...	...	10
" 2	"	Botataung Pagoda on with South-West corner of			
		Monkey Point Pontoon ...	...	...	11
" 3	"	Mower's Mill Chimney on with Brooking Street			
		Wharf shear legs ...	...	...	11

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 343.

[Third Publication.]

AUSTRALIA, SOUTH—ST. VINCENT GULF.

Semaphore and Glenelg Jetty light-houses.

THE Secretary, Marine Board, Port Adelaide, has given notice (No. 20 of 1901) that the fixed green light now shown from a wooden tower at the outer end of the Semaphore Jetty, and the fixed red light of the fourth order shown from an iron tower, painted white and red, at the outer end of the Glenelg Jetty will be discontinued on the 28th February 1902, and in lieu thereof, an ordinary white light, visible five miles, will be exhibited from a lamp post at the extreme end of each Jetty from the night of 1st March 1902.

This affects Admiralty Charts Nos. 2389a and 1750.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 12th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 344.

[Third Publication.]

BAY OF BENGAL—CHITTAGONG COAST.

Kurnafully river—Depth of water in the channel.

THE Port Officer, Chittagong, has given notice that the following depth of water found in the river channel by soundings taken on the 7th November and reduced to zero:

						Ft. IN.
Track No. 1—Outer bar—						
	Disc on diamond	...	...	...	...	12 6
Track No. 2—Inner bar—						
	Disc on diamond	...	...	...	...	12 6
Track No. 3—						
	Tripod on cross and ball	...	...	...	...	12 6
Track No. 4—						
	Triangle on mast	...	...	...	...	12 6
Track No. 5—						
	Guptakhali crossing	...	...	...	...	12 6

E. J. BEAUMONT, COMDR.,
Port Officer

Published for general information.

CALCUTTA, the 12th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 345.

[Third Publication.]

CHINA—YANG TSE KIANG APPROACH.

Shoaling of North channel—Alteration in buoyage.

WITH reference to Notice to Mariners No. 239, dated 10th August 1901, issued by this office, the British Admiralty has given further notice (No. 770 of 1901) that the North channel, Yang tse approach, is at present unsuitable for deep draught vessels, and that in consequence thereof the undermentioned buoys have been withdrawn:—

- (a) Shaweishan buoy (red conical), situated 3 miles S. 8° E. from Shaweishan lighthouse.
- (b) Midway Flat buoy (red conical), situated 6½ miles S. 71° W. from Shaweishan lighthouse.
- (c) Outer Ch'i yao bank buoy (red conical), situated 7¼ miles S. 57° E. from Drinkwater point lighthouse.

Also, that the ball surmounting Drinkwater point buoy has been replaced by a spherical cage.

Approximate position, Shaweishan island, lat. 31° 25½' N., long. 122° 14' E.

(Variation 2° Westerly in 1901.)

This Notice affects the following Admiralty Charts:—*Kue shan islands to the Yang tse*, No. 1199; *Yang tse kiang approach*, No. 1602; Also, *China Sea Directory*, vol. III, 1894, page 416; and *Supplement*, 1898, page 24.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 346.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Alguada reef intended light—Amended description.

WITH reference to Notice to Mariners No. 244, dated 17th August last, issued by this office, the British Admiralty has given notice (No. 782 of 1901) that information, dated 8th October 1901, has been received from the Trinity House, London, that the character of the intended light on Alguada reef, which will be established in 1902, will be *white flashing every ten seconds*, thus:—flash, *eight-tenths of a second*; eclipse, *nine and two-tenth seconds*; and not occulting, light eight seconds, eclipse two seconds, as stated in Notice 717 of this year.

Approximate position, lat. 15° 42' N., long. 94° 11' E.

This Notice affects the following Admiralty Charts:—*Bay of Bengal*, No. 70; *Cocanada to Bassein river*, &c., No. 829; *Bassein river to Pulo Penang*, No. 830; *Koronge island to White point*, No. 823; *Preparis North channel*, No. 152; *Bassein river and approaches*, No. 834; Also, *List of Lights*, part VI, 1901, No. 362; and *Bay of Bengal Pilot*, 1901, page 338.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, 18th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 347.

[Third Publication.]

NEW ZEALAND, NORTH ISLAND—POVERTY BAY.

Tokomaru and Tomoana rocks—Particulars given.

WITH reference to Notice to Mariners No. 280, dated the 30th September 1901, issued by this office, the British Admiralty has given further notice (No. 783 of 1901) respecting the Tokomaru and Tomoana rocks on which vessels of those names recently struck in Poverty bay.

TOKOMARU ROCK, on which there is a least depth of 25 feet, is situated with Gisborne flagstaff bearing N. 12° E., distant $12\frac{1}{2}$ cables, and Pah hill N. 70° E.

TOMOANO ROCK, on which there is a least depth of 25 feet, is situated one cable East from Tokomaru rock.

Each of these rocks has been temporarily marked by a small buoy.

Caution.—Vessels of heavy draught should not anchor inside the 10-fathom contour in the vicinity of these rocks, as the ground is foul.

Approximate position, Gisborne flagstaff, lat. $38^{\circ} 40'$ S., long. $178^{\circ} 21'$ E.

(*Variation 14° Easterly in 1901.*)

This Notice affects the following Admiralty Chart:—Poverty bay, No. 1663: Also, New Zealand Pilot, 1901, page 153.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 18th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, DECEMBER 11, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 356.

[First Publication.]

JAPAN—KURIL AND YEZO ISLANDS.

Cape Moimoto, Keramoisaki, Noshapsaki.—*Lights and Fog signals continued throughout the year.*

THE British Admiralty has given notice (No. 827 of 1901) that the lights will be exhibited, and fog signals sounded in foggy weather, throughout the year at the undermentioned lighthouses on the Kuril islands and on the east coast of Yezo:—

Cape Moimoto lighthouse, approximate position, lat. $44^{\circ} 26' N.$, long. $146^{\circ} 34' E.$

Keramoisaki lighthouse, approximate position, lat. $43^{\circ} 41' N.$, long. $145^{\circ} 32\frac{1}{2}' E.$

Noshapsaki lighthouse, approximate position, lat. $43^{\circ} 23' N.$, long. $145^{\circ} 49' E.$

This Notice affects the following Admiralty Charts:—Kuril islands, No. 2405; Yezo island, No. 452; Go no mai channel, No. 1268; Also, List of Lights, part VI, 1901, Nos. 946, 945, 943; China Sea Directory, vol. IV, 1894, pages 628, 597; and Supplement, 1898, page 33.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 357.

[First Publication.]

AUSTRALIA, WEST—FREMANTLE.

Arthur head—Time signal established.

THE British Admiralty has given notice (No. 832 of 1901) that, on 12th November 1901, a time signal will be established at Arthur head, Fremantle.

The signal will be made by means of a ball which will be hoisted to the masthead at $0^h 57^m 0^s$ P.M. standard time, and dropped at $1^h 0^m 0^s$ P.M. West Australian standard time, or $0^h 42^m 57^s$ P.M. local mean time, corresponding to $17^h 0^m 0^s$ Greenwich mean time, the exact time is indicated by the moment the ball commences to drop.

On application to the Harbour Master by Captains of mail steamers an additional signal will be given at any desired hour.

Approximate position, lat. $32^{\circ} 3' 12'' S.$, long. $115^{\circ} 44' 15'' E.$

This Notice affects the following Admiralty Chart:—Fremantle harbour, No. 1700; Also, List of Time Signals, 1901, page 27; Australia Directory, vol. III, 1895, page 362; and Supplement, 1898, page 8.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 358.

[First Publication.]

AUSTRALIA, QUEENSLAND—BARRIER REEF.

Cape Melville—Shoals to the northward.

THE British Admiralty has given notice (No. 833 of 1901) of the existence of the undermentioned shoals northward of Cape Melville:—

- a. A shoal, about one-eighth of a mile in extent, with a depth of 3 fathoms over it at low water springs in the middle of Melville pass, situated with the south-west extreme of No. 2 sand bank bearing S. 72° E., distant one mile.
Approximate position, lat. 13° 58½ S., long. 144° 29' E.
- b. Foul ground extends off the northern end of Pipon reef for nearly 1½ miles, on which there is a rock, with a depth of 3 feet over it at low water springs about seven-eighths of a mile from the northern edge of Pipon reef, situated with Pipon lighthouse bearing S. 8° W., distant 2 miles.
Approximate position, lat. 14° 5½' N., long. 144° 31½' E.

(Variation 5° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Turtle group to Claremont point, No. 2922; Also, Australia Directory, vol. II, 1898, pages 433, 365; and Supplement, 1900, page 14.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 359.

[First Publication.]

JAPAN—INLAND SEA—MEKARI SETO.

Kakarize—Depth over.

THE British Admiralty has given notice (No. 835 of 1901) that the depth on the rock named Kakarize, Mekari Seto, has been increased by blasting to 5 fathoms.

Approximate position, lat. 34° 22½' N., long. 133° 8½' E.

This Notice affects the following Admiralty Charts:—Inland sea, No. 2875; channels between Misima nada and Bingo nada, No. 132; Also, China Sea Directory, vol. IV, 1894, page 400; and Supplement, 1898, page 21.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 360.

[First Publication.]

JAPAN—TSUGARU STRAIT.

Shiriya saki light—Temporarily discontinued.

THE British Admiralty has given notice (No. 836 of 1901) that Shiriya saki light (revolving) would shortly be temporarily discontinued for repairs, and that a provisional white fixed dioptric light, elevated 158 feet above high water, and visible in clear weather from a distance of 7 miles, would be exhibited from the gallery of the lighthouse until the re-exhibition of the permanent light of which further Notice will be given.

Approximate position, lat. 41° 26' N., long. 141° 28' E.

This Notice temporarily affects the following Admiralty Chart:—Tsugaru strait, No. 2441; Also, List of Lights, part VI, 1901, No. 922; and China Sea Directory, vol. IV, 1894, page 339.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 361.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, EAST COAST.

Balik Papan bay—Alteration in buoyage.

THE British Admiralty has given notice (No. 839 of 1901) that the black conical buoy No. 2, in Balik Papan bay, has been replaced by a light-buoy painted black, and exhibiting a white occulting light every twenty seconds, thus:—light ten seconds, eclipse ten seconds, and visible from a distance of 6 miles.

Approximate position, lat. $1^{\circ} 20'$ S., long. $116^{\circ} 52'$ E.

Also, that the black conical buoys Nos. 1, 3, and 4 have been replaced by can buoys of the same colour, in accordance with the Netherlands system of buoyage.

This Notice affects the following Admiralty Chart:—Plan of Balik Papan on Chart No. 3031: Also, Eastern Archipelago, part II, 1893, page 315; and Supplement, 1899, page 38.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 362.

[First Publication.]

EASTERN ARCHIPELAGO—JAVA—BATAVIA APPROACH.

North Watcher light—Character altered.

THE British Admiralty has given notice (No. 840 of 1901) that the character of North Watcher light, Batavia approach, has been altered from revolving every minute to fixed and flashing every minute, thus:—fixed fifty-two seconds, flash eight seconds, but in other respects the light remains as before.

Approximate position, lat. $5^{\circ} 12'$ S., long. $106^{\circ} 28'$ E.

This Notice affects the following Admiralty Charts:—China sea, No. 1263; Eastern archipelago, No. 941a; Sunda strait, No. 2056: Also, List of Lights, part VI, 1901, No. 471; China Sea Directory, vol. I, 1896, page 379; and Eastern Archipelago, part II, 1893, page 73.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 351.

[Second Publication.]

BAY OF BENGAL—BURMA COAST.

Caution—Position of wreck of a native craft.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon, stating that the Master of the steamer *Madura* reports having passed the wreck of a native craft on the 27th November, in Lat. $16^{\circ} 40'$ N., Long $93^{\circ} 18'$ E. Mariners are accordingly warned.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 352.

[Second Publication.]

INDIA, WEST—BOMBAY COAST.

Buoys between Alibâg and Vengurla replaced.

WITH reference to Notice to Mariners No. 199, dated the 1st July last, issued by this office, the Bombay Government has given further notice (No. 115 of 1901) that the

undermentioned buoys on the coast between Alibág and Vengurla have been replaced in their positions on the dates marked against each of them:—

Alibág Buoy on 22nd September 1901.
 Bánkot Buoys on 3rd October 1901.
 Anjanvel Buoy on 14th October 1901.
 Jaitápúr Buoy on 7th October 1901.
 Málvan Harbour Buoys on 23rd September 1901.
 Johnstone Castle Buoy on 25th September 1901.
 Málvan Rock Buoy on 26th September 1901.
 Chaldea Rock Buoy on 26th September 1901.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 353.

[Second Publication.]

AUSTRALIA—QUEENSLAND—KEPPEL BAY.

Great Keppel island—Position of Sykes rock.

THE British Admiralty has given notice (No. 815 of 1901) that the position of Sykes rock, Great Keppel island, is $2\frac{1}{2}$ cables S.W. of that shown on the Chart.

Approximate position, lat. $23^{\circ} 12' S.$, long. $151^{\circ} 0' E.$

(Variation 8° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Keppel bay, No. 363: Also, Australia, vol. II, 1898, page 203.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 354.

[Second Publication.]

PACIFIC OCEAN (SOUTH)—DUKE OF YORK ISLAND.

Meoko harbour—Shoals in approach.

THE British Admiralty has given notice (No. 822 of 1901) that there are several coral heads, with depths of from 16 to 24 feet over them, in the eastern approach to Meoko harbour, and of 17 feet in the north-western approach; vessels therefore of over 15 feet draught should not enter the harbour until these shoals are marked by buoys.

Approximate position, Meoko, lat. $4^{\circ} 12' S.$, long. $152^{\circ} 28' E.$

This Notice affects the following Admiralty Chart:—Plan of Duke of York group, No. 764: Also, Pacific islands, vol. I, 1900, page 381.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 355.

[Second Publication.]

AFRICA, EAST COAST—ZANZIBAR.

Mangapawni light.

THE following Notice to Mariners issued by the Government of Zanzibar is republished for general information:—

The sixth order fixed light at the Mangapawni light-house situated about 12 miles from Zanzibar town has been substituted by a light of the fourth order visible in clear weather 13 to 15 miles. This light when well shut in leads clear of the Seagull shoals.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 348.

[Third Publication.]

CHINA SEA—PULO SAPATU.

Veteran shoal—Non-existence of—.

THE British Admiralty has given notice (No. 790 of 1901) that information, dated 26th August 1901, had been received from Captain M. H. Smyth, H. M. Surveying Vessel *Rambler*, that he had passed over and obtained a sounding of 99 fathoms on the reported position of the Veteran shoal; the sea was rough at the time and a good lookout all round was kept from aloft, but no indication of any shoal or break was seen.

As the original report stated that "Breakers" were seen; but no soundings were apparently obtained; and the Breakers have been unsuccessfully searched for on previous occasions, it is considered that the officers of the *Veteran* must have been misled by one of those appearances which sometimes deceive even the most experienced navigators; and as Breakers have never been reported in this locality by any of the numerous vessels passing Pulo Sapatu, this shoal has now been expunged from the Admiralty Charts.

Approximate position, lat. $9^{\circ} 45\frac{3}{4}'$ N., long. $109^{\circ} 11'$ E.

This Notice affects the following Admiralty Charts:—China Sea, Nos. 1263, 2660a; Saigon river to Kam ranh bay, No. 1261: Also, China Sea Directory, vol. II, 1899, page 111.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 23rd November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 349.

[Third Publication.]

BAY OF BENGAL—COROMANDEL COAST.

Negapatam anchorage—Wreck marked by buoy.

THE British Admiralty has given notice (No. 796 of 1901) that a wreck, with depths over it of 12 and 14 feet, which sank in Negapatam anchorage, is marked by a green wreck buoy moored in a depth of 24 feet with Negapatam lighthouse bearing S. 65° W., distant one mile, and northern boundary pillar N. 84° W.

Approximate position, lat. $10^{\circ} 46'$ N., long. $79^{\circ} 52'$ E.

(Variation 1° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Madras to point Calimere, No. 71: Also, Bay of Bengal Pilot, 1901, page 140.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department

CALCUTTA, the 23rd November 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 350.

[Third Publication.]

NEW ZEALAND—NORTH-EAST COAST.

Cuvier island light—Obscured arc.

THE British Admiralty has given notice (No. 800 of 1901) that Cuvier island light (revolving) in the approach to Hauraki gulf is obscured by the hills on the island, when at a distance of 8 miles from it, between the bearings of S. 66° E., through east, and N. 71° E., but beyond this distance the southern limit of the obscured arc is gradually reduced, until at Cape Colville the light is visible to N. 74° E.

Approximate position, lat. $36^{\circ} 27'$ S., long. $175^{\circ} 49\frac{1}{2}'$ E.

(Variation 13° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Tutukaka to Mayor island, No. 2543: Also, List of Lights, part VI, 1901, No. 1468; and New Zealand Pilot, 1901, page 123.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 23rd November 1901.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, DECEMBER 18, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 363.

[First Publication.]

BAY OF BENGAL—ORISSA COAST.

Burrabulung or Balasore river—Changes in the approaches to.

THE Port Officer, Cuttack and Balasore ports, has given notice of the following changes in the approaches to the Burrabulung or Balasore river:—The Fairway buoy has been shifted 3,800 feet N. 19° E. of former position in 12 feet reduced; flagstaff bearing from buoy west, magnetic. The Transit marks have been shifted 160 feet S. 50° W. of former position; backing mark white, surmounted with white basket; forward mark black and white surmounted with black basket. Course in from Fairway buoy marks on W. $\frac{1}{2}$ N. magnetic, to the centre Elfin red buoy, then follow line of buoys in.

There is now 3 feet reduced on the bar. Vessels drawing 9 feet should not attempt to cross the bar with less than 16 feet rise at Saugor.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 14th December 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 364.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH COAST.

Barito river entrance—Alteration in channel and buoyage.

WITH reference to Notices to Mariners issued by this office, No. 206, dated 6th July, and No. 232, dated 3rd August last, the British Admiralty has given further notice (No. 851 of 1901) that consequent on a re-examination of the bar of the Barito river a better channel has been discovered and the following alterations have been made in the buoyage to suit that channel which has a depth of $6\frac{1}{2}$ feet at low water springs:—

- (1) A light buoy, painted black, exhibiting a *white occulting light every twenty-five seconds*, thus:—light *fifteen seconds*, eclipse *ten seconds*, has been moored in a depth of 15 feet, with Lange Jan beacon bearing N. 77° W., distant $9\frac{8}{10}$ cables.
- (2) The light buoy, painted white, exhibiting a *white occulting light every twenty seconds*, thus:—light *ten seconds*, eclipse *ten seconds*, has been moved 2 miles S. 84° E. from its former position and moored in a depth of 7 feet, with Lange Jan beacon bearing N. 40° W., distant $2\frac{8}{10}$ miles.

- (3) The light vessel, showing a *white occulting* light, thus:—light *fifteen seconds*, eclipse *ten seconds*—has been moved about 3 miles S. 75° E. from her former position, and moored in a depth of 18 feet with Lange Jan beacon bearing N. 29° W., distant $6\frac{3}{10}$ miles.

CAUTION.—Vessels must not anchor between the above two light buoys on account of the telegraph cable lying between them.

Approximate position, Lange Jan beacon, lat. 3° 33½' S., long., 114° 27' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Plan of Barito river on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 296; and Supplement, 1899, page 32.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 365.

[First Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH-EAST COAST—PULO LAUT STRAIT.

Petang point—Light exhibited.

WITH reference to Notice to Mariners issued by this office No. 94, dated the 4th April last, the British Admiralty has given further notice (No. 854 of 1901) that a *white flashing* light of the 5th order, showing *one flash* of short duration *every five seconds*, and visible in clear weather from a distance of 14 miles, has been established on point Petang, Pulo Laut strait, and that the provisional white fixed light has been discontinued.

Approximate position, lat. 3° 36½' S., long 115° 57' E.

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941b; straits of Makassar, No. 2637; Pulo Laut strait, on sheet No. 2662: Also, List of Lights, part VI, 1901, page 92; Eastern Archipelago, part II, 1893, page 309; and Supplement, 1899, page 34.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 366.

[First Publication.]

AUSTRALIA, QUEENSLAND—BARRIER REEF—CAPE MELVILLE.

Rocky point—Shoals extending.

THE British Admiralty has given notice (No. 858 of 1901) that information, dated 10th September 1901, has been received from Commander C. E. Monro, H. M. surveying vessel *Dart*, that shoal water extends for nearly 1½ miles north-eastward from Rocky point, with depths of less than one fathom over it in places. Mariners are therefore warned not to go to westward of the track recommended.

Approximate position, Rocky point, lat 14° 14' S., long. 144° 35' E.

This Notice affects the following Admiralty Chart:—Turtle group to Claremont point, No. 2992: Also, Australia Directory, vol. II, 1898, page 362; and Supplement, 1900, page 14.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 367.

[First Publication.]

AUSTRALIA, SOUTH—PORT ADELAIDE RIVER.

No. 1 Light Beacon knocked down—A barge with leading light exhibited.

THE Secretary, Marine Board, Port Adelaide, has given notice (No. 21 of 1901) that, in consequence of No. 1 Light Beacon having been knocked down, a barge, from which a leading light is exhibited, has been moored in approximately the same position. As the barge moves with the tide, masters of vessels and others should exercise the greatest caution in entering the River and not trust to the white light as a lead. They are advised to take a distance off the occulting buoy, and then steer for the red light.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 14th December 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 356.

[Second Publication.]

JAPAN—KURIL AND YEZO ISLANDS.

Cape Moimoto, Keramoisaki, Noshapsaki.—Lights and Fog signals continued throughout the year.

THE British Admiralty has given notice (No. 827 of 1901) that the lights will be exhibited, and fog signals sounded in foggy weather, throughout the year at the undermentioned lighthouses on the Kuril islands and on the east coast of Yezo:—

Cape Moimoto lighthouse, approximate position, lat. $44^{\circ} 26' N.$, long. $146^{\circ} 34' E.$ Keramoisaki lighthouse, approximate position, lat. $43^{\circ} 41' N.$, long. $145^{\circ} 32\frac{1}{2}' E.$ Noshapsaki lighthouse, approximate position, lat. $43^{\circ} 23' N.$, long. $145^{\circ} 49' E.$

This Notice affects the following Admiralty Charts:—Kuril islands, No. 2405; Yezo island, No. 452; Go no mai channel, No. 1268: Also, List of Lights, part VI, 1901, Nos. 946, 945, 943; China Sea Directory, vol. IV, 1894, pages 628, 597; and Supplement, 1898, page 33.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 6th December 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 357.

[Second Publication.]

AUSTRALIA, WEST—FREMANTLE.

Arthur head—Time signal established.

THE British Admiralty has given notice (No. 832 of 1901) that, on 12th November 1901, a time signal will be established at Arthur head, Fremantle.

The signal will be made by means of a ball which will be hoisted to the masthead at $0^h 57^m 0^s$ P.M. standard time, and dropped at $1^h 0^m 0^s$ P.M. West Australian standard time, or $0^h 42^m 57^s$ P.M. local mean time, corresponding to $17^h 0^m 0^s$ Greenwich mean time, the exact time is indicated by the moment the ball commences to drop.

On application to the Harbour Master by Captains of mail steamers an additional signal will be given at any desired hour.

Approximate position, lat. $32^{\circ} 3' 12'' S.$, long. $115^{\circ} 44' 15'' E.$

This Notice affects the following Admiralty Chart:—Fremantle harbour, No. 1700: Also, List of Time Signals, 1901, page 27; Australia Directory, vol. III, 1895, page 362; and Supplement, 1898, page 8.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

C. B. BAYLEY,
Asst. Secy., Marine Department.

CALCUTTA, the 6th December 1901.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 358.

[Second Publication.]

AUSTRALIA, QUEENSLAND—BARRIER REEF.

Cape Melville—Shoals to the northward.

THE British Admiralty has given notice (No. 833 of 1901) of the existence of the undermentioned shoals northward of Cape Melville:—

- a. A shoal, about one-eighth of a mile in extent, with a depth of 3 fathoms over it at low water springs in the middle of Melville pass, situated with the south-west extreme of No. 2 sand bank bearing S. 72° E., distant one mile.
Approximate position, lat. $13^{\circ} 58\frac{1}{2}'$ S., long. $144^{\circ} 29'$ E.
- b. Foul ground extends off the northern end of Pipon reef for nearly $1\frac{1}{4}$ miles, on which there is a rock, with a depth of 3 feet over it at low water springs about seven-eighths of a mile from the northern edge of Pipon reef, situated with Pipon lighthouse bearing S. 8° W., distant 2 miles.
Approximate position, lat. $14^{\circ} 5\frac{1}{2}'$ N., long. $144^{\circ} 31\frac{1}{2}'$ E.

(Variation 5° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Turtle group to Claremont point No. 2922: Also, Australia Directory, vol. II, 1898, pages 433, 365; and Supplement, 1900, page 14.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 359.

[Second Publication.]

JAPAN—INLAND SEA—MEKARI SETO.

Kakarize—Depth over.

THE British Admiralty has given notice (No. 835 of 1901) that the depth on the rock named Kakarize, Mekari Seto, has been increased by blasting to 5 fathoms.

Approximate position, lat. $34^{\circ} 22\frac{1}{2}'$ N., long. $133^{\circ} 8\frac{1}{2}'$ E.

This Notice affects the following Admiralty Charts:—Inland sea, No. 2875; channels between Misima nada and Bingo nada, No. 132: Also, China Sea Directory, vol. IV, 1894, page 400; and Supplement, 1898, page 21.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 360.

[Second Publication.]

JAPAN—TSUGARU STRAIT.

Shiriya saki light—Temporarily discontinued.

THE British Admiralty has given notice (No. 836 of 1901) that Shiriya saki light (revolving) would shortly be temporarily discontinued for repairs, and that a provisional white fixed dioptric light, elevated 158 feet above high water, and visible in clear weather from a distance of 7 miles, would be exhibited from the gallery of the lighthouse until the re-exhibition of the permanent light of which further Notice will be given.

Approximate position, lat. $41^{\circ} 26'$ N., long. $141^{\circ} 28'$ E.

This Notice temporarily affects the following Admiralty Chart:—Tsugaru strait, No. 2441: Also, List of Lights, part VI, 1901, No. 922; and China Sea Directory, vol. IV, 1894, page 339.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 361.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, EAST COAST.

Balik Papan bay—Alteration in buoyage.

THE British Admiralty has given notice (No. 839 of 1901) that the black conical buoy No. 2, in Balik Papan bay, has been replaced by a light-buoy painted black, and exhibiting a white occulting light every twenty seconds, thus:—light ten seconds, eclipse ten seconds, and visible from a distance of 6 miles.

Approximate position, lat. $1^{\circ} 20' S.$, long. $116^{\circ} 52' E.$

Also, that the black conical buoys Nos. 1, 3, and 4 have been replaced by can buoys of the same colour, in accordance with the Netherlands system of buoyage.

This Notice affects the following Admiralty Chart:—Plan of Balik Papan on Chart No. 3031: Also, Eastern Archipelago, part II, 1893, page 315; and Supplement, 1899, page 38.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 362.

[Second Publication.]

EASTERN ARCHIPELAGO—JAVA—BATAVIA APPROACH.

North Watcher light—Character altered.

THE British Admiralty has given notice (No. 840 of 1901) that the character of North Watcher light, Batavia approach, has been altered from revolving every minute to fixed and flashing every minute, thus:—fixed fifty-two seconds, flash eight seconds, but in other respects the light remains as before.

Approximate position, lat. $5^{\circ} 12' S.$, long. $106^{\circ} 28' E.$

This Notice affects the following Admiralty Charts:—China sea, No. 1263; Eastern archipelago, No. 941a; Sunda strait, No. 2056: Also, List of Lights, part VI, 1901, No. 471; China Sea Directory, vol. I, 1896, page 379; and Eastern Archipelago, part II, 1893, page 73.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 351.

[Third Publication.]

BAY OF BENGAL—BURMA COAST.

Caution—Position of wreck of a native craft.

A TELEGRAPHIC communication has been received from the Port Officer, Rangoon, stating that the Master of the steamer *Madura* reports having passed the wreck of a native craft on the 27th November, in Lat. $16^{\circ} 40' N.$, Long $93^{\circ} 18' E.$ Mariners are accordingly warned.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 352.

[Third Publication.]

INDIA, WEST—BOMBAY COAST.

Buoys between Alibág and Vengurla replaced.

WITH reference to Notice to Mariners No. 199, dated the 1st July last, issued by this office, the Bombay Government has given further notice (No. 115 of 1901) that the

undermentioned buoys on the coast between Alibág and Vengurla have been replaced in their positions on the dates marked against each of them:—

Alibág Buoy on 22nd September 1901.
 Bánkot Buoys on 3rd October 1901.
 Anjanvel Buoy on 14th October 1901.
 Jaitápur Buoy on 7th October 1901.
 Málvan Harbour Buoys on 23rd September 1901.
 Johnstone Castle Buoy on 25th September 1901.
 Málvan Rock Buoy on 26th September 1901.
 Chaldea Rock Buoy on 26th September 1901.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 353.

[Third Publication.]

AUSTRALIA—QUEENSLAND—KEPPEL BAY.

Great Keppel island—Position of Sykes rock.

THE British Admiralty has given notice (No. 815 of 1901) that the position of Sykes rock, Great Keppel island, is $2\frac{1}{2}$ cables S.W. of that shown on the Chart.

Approximate position, lat. $23^{\circ} 12' S.$, long. $151^{\circ} 0' E.$

(Variation 8° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Keppel bay, No. 363: Also, Australia, vol. II, 1898, page 203.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 354.

[Third Publication.]

PACIFIC OCEAN (SOUTH)—DUKE OF YORK ISLAND.

Meoko harbour—Shoals in approach.

THE British Admiralty has given notice (No. 822 of 1901) that there are several coral heads, with depths of from 16 to 24 feet over them, in the eastern approach to Meoko harbour, and of 17 feet in the north-western approach; vessels therefore of over 15 feet draught should not enter the harbour until these shoals are marked by buoys.

Approximate position, Meoko, lat. $4^{\circ} 12' S.$, long. $152^{\circ} 28' E.$

This Notice affects the following Admiralty Chart:—Plan of Duke of York group, No. 764: Also, Pacific islands, vol. I, 1900, page 381.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 30th November 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 355.

[Third Publication.]

AFRICA, EAST COAST—ZANZIBAR.

Mangapawni light.

THE following Notice to Mariners issued by the Government of Zanzibar is republished for general information:—

The sixth order fixed light at the Mangapawni light-house situated about 12 miles from Zanzibar town has been substituted by a light of the fourth order visible in clear weather 13 to 15 miles. This light when well shut in leads clear of the Seagull shoals.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 2nd December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.



APPENDIX TO

The Calcutta Gazette.

WEDNESDAY, DECEMBER 25, 1901.

NOTICES TO MARINERS.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 363.

[Second Publication.]

BAY OF BENGAL—ORISSA COAST.

Burrabulong or Balasore river—Changes in the approaches to.

THE Port Officer, Cuttack and Balasore ports, has given notice of the following changes in the approaches to the Burrabulong or Balasore river:—The Fairway buoy has been shifted 3,800 feet N. 19° E. of former position in 12 feet reduced; flagstaff bearing from buoy west, magnetic. The Transit marks have been shifted 160 feet S. 50° W. of former position; backing mark white, surmounted with white basket; forward mark black and white surmounted with black basket. Course in from Fairway buoy marks on W. $\frac{1}{2}$ N. magnetic, to the centre Elfin red buoy, then follow line of buoys in.

There is now 3 feet reduced on the bar. Vessels drawing 9 feet should not attempt to cross the bar with less than 16 feet rise at Saugor.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 364.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH COAST.

Barito river entrance—Alteration in channel and buoyage.

WITH reference to Notices to Mariners issued by this office, No. 206, dated 6th July, and No. 232, dated 3rd August last, the British Admiralty has given further notice (No. 851 of 1901) that consequent on a re-examination of the bar of the Barito river a better channel has been discovered and the following alterations have been made in the buoyage to suit that channel which has a depth of $6\frac{1}{2}$ feet at low water springs:—

- (1) A light buoy, painted black, exhibiting a white occulting light every twenty-five seconds, thus:—light fifteen seconds, eclipse ten seconds, has been moored in a depth of 15 feet, with Lange Jan beacon bearing N. 77° W., distant $9\frac{8}{10}$ cables.
- (2) The light buoy, painted white, exhibiting a white occulting light every twenty seconds, thus:—light ten seconds, eclipse ten seconds, has been moved 2 miles S. 84° E. from its former position and moored in a depth of 7 feet, with Lange Jan beacon bearing N. 40° W., distant $2\frac{6}{10}$ miles.

- (3) The light vessel, showing a *white occulting* light, thus:—light *fifteen seconds*, eclipse *ten seconds*—has been moved about 3 miles S. 75° E. from her former position, and moored in a depth of 18 feet with Lange Jan beacon bearing N. 29° W., distant $6\frac{3}{10}$ miles.

CAUTION.—Vessels must not anchor between the above two light buoys on account of the telegraph cable lying between them.

Approximate position, Lange Jan beacon, lat. 3° 33½' S., long., 114° 27' E.

(Variation 2° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Plan of Barito river on sheet No. 2662: Also, Eastern Archipelago, part II, 1893, page 296; and Supplement, 1899, page 32.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 365.

[Second Publication.]

EASTERN ARCHIPELAGO—BORNEO, SOUTH-EAST COAST—PULO LAUT STRAIT.

Petang point—Light exhibited.

WITH reference to Notice to Mariners issued by this office No. 94, dated the 4th April last, the British Admiralty has given further notice (No. 854 of 1901) that a *white flashing* light of the 5th order, showing *one flash* of short duration *every five seconds*, and visible in clear weather from a distance of 14 miles, has been established on point Petang, Pulo Laut strait, and that the provisional white fixed light has been discontinued.

Approximate position, lat. 3° 36½' S., long 115° 57' E.

This Notice affects the following Admiralty Charts:—Eastern Archipelago, No. 941b; straits of Makassar, No. 2637; Pulo Laut strait, on sheet No. 2662: Also, List of Lights, part VI, 1901, page 92; Eastern Archipelago, part II, 1893, page 309; and Supplement, 1899, page 34.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 366.

[Second Publication.]

AUSTRALIA, QUEENSLAND—BARRIER REEF—CAPE MELVILLE.

Rocky point—Shoals extending.

THE British Admiralty has given notice (No. 858 of 1901) that information, dated 10th September 1901, has been received from Commander C. E. Monro, H. M. surveying vessel *Dart*, that shoal water extends for nearly $1\frac{1}{2}$ miles north-eastward from Rocky point, with depths of less than one fathom over it in places. Mariners are therefore warned not to go to westward of the track recommended.

Approximate position, Rocky point, lat 14° 14' S., long. 144° 35' E.

This Notice affects the following Admiralty Chart:—Turtle group to Claremont point, No. 2992: Also, Australia Directory, vol. II, 1898, page 362; and Supplement, 1900, page 14.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 367.

[Second Publication.]

AUSTRALIA, SOUTH—PORT ADELAIDE RIVER.

No. 1 Light Beacon knocked down—A barge with leading light exhibited.

THE Secretary, Marine Board, Port Adelaide, has given notice (No. 21 of 1901) that, in consequence of No. 1 Light Beacon having been knocked down, a barge, from which a leading light is exhibited, has been moored in approximately the same position. As the barge moves with the tide, masters of vessels and others should exercise the greatest caution in entering the River and not trust to the white light as a lead. They are advised to take a distance off the occulting buoy, and then steer for the red light.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 14th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 356.

[Third Publication.]

JAPAN—KURIL AND YEZO ISLANDS.

Cape Moimoto, Keramoisaki, Noshapsaki.—Lights and Fog signals continued throughout the year.

THE British Admiralty has given notice (No. 827 of 1901) that the lights will be exhibited, and fog signals sounded in foggy weather, throughout the year at the undermentioned lighthouses on the Kuril islands and on the east coast of Yezo:—

Cape Moimoto lighthouse, approximate position, lat. $44^{\circ} 26' N.$, long. $146^{\circ} 34' E.$

Keramoisaki lighthouse, approximate position, lat. $43^{\circ} 41' N.$, long. $145^{\circ} 32\frac{1}{2}' E.$

Noshapsaki lighthouse, approximate position, lat. $43^{\circ} 23' N.$, long. $145^{\circ} 49' E.$

This Notice affects the following Admiralty Charts:—Kuril islands, No. 2405; Yezo island, No. 452; Go no mai channel, No. 1268: Also, List of Lights, part VI, 1901, Nos. 946, 945, 943; China Sea Directory, vol. IV, 1894, pages 628, 597; and Supplement, 1898, page 33.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 357.

[Third Publication.]

AUSTRALIA, WEST—FREMANTLE.

Arthur head—Time signal established.

THE British Admiralty has given notice (No. 832 of 1901) that, on 12th November 1901, a time signal will be established at Arthur head, Fremantle.

The signal will be made by means of a ball which will be hoisted to the masthead at 0h 57m 0s P.M. standard time, and dropped at 1h 0m 0s P.M. West Australian standard time, or 0h 42m 57s P.M. local mean time, corresponding to 17h 0m 0s Greenwich mean time, the exact time is indicated by the moment the ball commences to drop.

On application to the Harbour Master by Captains of mail steamers an additional signal will be given at any desired hour.

Approximate position, lat. $32^{\circ} 3' 12'' S.$, long. $115^{\circ} 44' 15'' E.$

This Notice affects the following Admiralty Chart:—Fremantle harbour, No. 1700: Also, List of Time Signals, 1901, page 27; Australia Directory, vol. III, 1895, page 362; and Supplement, 1898, page 8.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 358.

[Third Publication.]

AUSTRALIA, QUEENSLAND—BARRIER REEF.

Cape Melville—Shoals to the northward.

THE British Admiralty has given notice (No. 833 of 1901) of the existence of the undermentioned shoals northward of Cape Melville:—

- a. A shoal, about one-eighth of a mile in extent, with a depth of 3 fathoms over it at low water springs in the middle of Melville pass, situated with the south-west extreme of No. 2 sand bank bearing S. 72° E., distant one mile.
Approximate position, lat. 13° 58½' S., long. 144° 29' E.
- b. Foul ground extends off the northern end of Pipon reef for nearly 1½ miles, on which there is a rock, with a depth of 3 feet over it at low water springs about seven-eighths of a mile from the northern edge of Pipon reef, situated with Pipon lighthouse bearing S. 8° W., distant 2 miles.
Approximate position, lat. 14° 5½' N., long. 144° 31½' E.

(Variation 5° Easterly in 1901.)

This Notice affects the following Admiralty Chart:—Turtle group to Claremont point, No. 2922: Also, Australia Directory, vol. II, 1898, pages 433, 365; and Supplement, 1901, page 14.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 359.

[Third Publication.]

JAPAN—INLAND SEA—MEKARI SETO.

Kakarize—Depth over.

THE British Admiralty has given notice (No. 835 of 1901) that the depth on the rock named Kakarize, Mekari Seto, has been increased by blasting to 5 fathoms.

Approximate position, lat. 34° 22½' N., long. 133° 8½' E.

This Notice affects the following Admiralty Charts:—Inland sea, No. 2875; channels between Misima nada and Bingo nada, No. 132: Also, China Sea Directory, vol. IV, 1894, page 400; and Supplement, 1898, page 21.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

Published for general information.

CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 360.

[Third Publication.]

JAPAN—TSUGARU STRAIT.

Shiriya saki light—Temporarily discontinued.

THE British Admiralty has given notice (No. 836 of 1901) that Shiriya saki light (revolving) would shortly be temporarily discontinued for repairs, and that a provisional white fixed dioptric light, elevated 158 feet above high water, and visible in clear weather from a distance of 7 miles, would be exhibited from the gallery of the lighthouse until the re-exhibition of the permanent light of which further Notice will be given.

Approximate position, lat. 41° 26' N., long. 141° 28' E.

This Notice temporarily affects the following Admiralty Chart:—Tsugaru strait, No. 2441: Also, List of Lights, part VI, 1901, No. 922; and China Sea Directory, vol. IV, 1894, page 339.

E. J. BEAUMONT, COMDR., R.I.M.,
Port Officer of Calcutta.

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CALCUTTA, the 6th December 1901.

C. B. BAYLEY,
Asst. Secy., Marine Department.

GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 361.

[Third Publication.]

EASTERN ARCHIPELAGO—BORNEO, EAST COAST.

Balik Papan bay—Alteration in buoyage.

THE British Admiralty has given notice (No. 839 of 1901) that the black conical buoy No. 2, in Balik Papan bay, has been replaced by a light-buoy painted black, and exhibiting a white occulting light every twenty seconds, thus:—light ten seconds, eclipse ten seconds, and visible from a distance of 6 miles.

Approximate position, lat. $1^{\circ} 20' S.$, long. $116^{\circ} 52' E.$

Also, that the black conical buoys Nos. 1, 3, and 4 have been replaced by can buoys of the same colour, in accordance with the Netherlands system of buoyage.

This Notice affects the following Admiralty Chart:—Plan of Balik Papan on Chart No. 3031: Also, Eastern Archipelago, part II, 1893, page 315; and Supplement, 1899, page 38.

E. J. BEAUMONT, COMDR., R.I.M.,
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GOVERNMENT OF BENGAL—MARINE DEPARTMENT.

NOTICE TO MARINERS—No. 362.

[Third Publication.]

EASTERN ARCHIPELAGO—JAVA—BATAVIA APPROACH.

North Watcher light—Character altered.

THE British Admiralty has given notice (No. 840 of 1901) that the character of North Watcher light, Batavia approach, has been altered from revolving every minute to fixed and flashing every minute, thus:—fixed fifty-two seconds, flash eight seconds, but in other respects the light remains as before.

Approximate position, lat. $5^{\circ} 12' S.$, long. $106^{\circ} 28' E.$

This Notice affects the following Admiralty Charts:—China sea, No. 1263; Eastern archipelago, No. 941a; Sunda strait, No. 2056: Also, List of Lights, part VI, 1901, No. 471; China Sea Directory, vol. I, 1896, page 379; and Eastern Archipelago, part II, 1893, page 73.

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